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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Pateht Application of

YASUO NOMURA ET AL.

Appln. No. 09/556,949

Filed: April 21, 2000

For: APPARATUS, METHOD AND
MEDIUM FOR INFORMATION
PROCESSING

Group Art Unit: Not Assigned

Examiner: Not Assigned

SUBMISSION OF FORMAL DRAWINGS

2001 Ferry Building
San Francisco, CA 94111
415/433-4150

HS

Attention: Official Draftsman
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed for filing in the above-identified application are forty-five (45) sheets of formal drawings comprising Figures 1 through 45C.

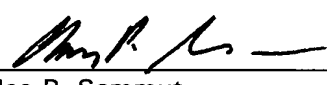
Respectfully submitted,

LIMBACH & LIMBACH L.L.P.

August 22, 2000
(Date)

SONY-T0472
(S00P0472US00)

By:


Charles P. Sammut
Registration No. 28,901
Attorneys for Applicant(s)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Attn: Official Draftsman, Assistant Commissioner for Patents, Washington, D.C. 20231, on August 22, 2000.

LIMBACH & LIMBACH L.L.P. Date: August 22, 2000

By:

Name: Susan Ozanne

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TC 2700 MAIL ROOM

FIG. 1

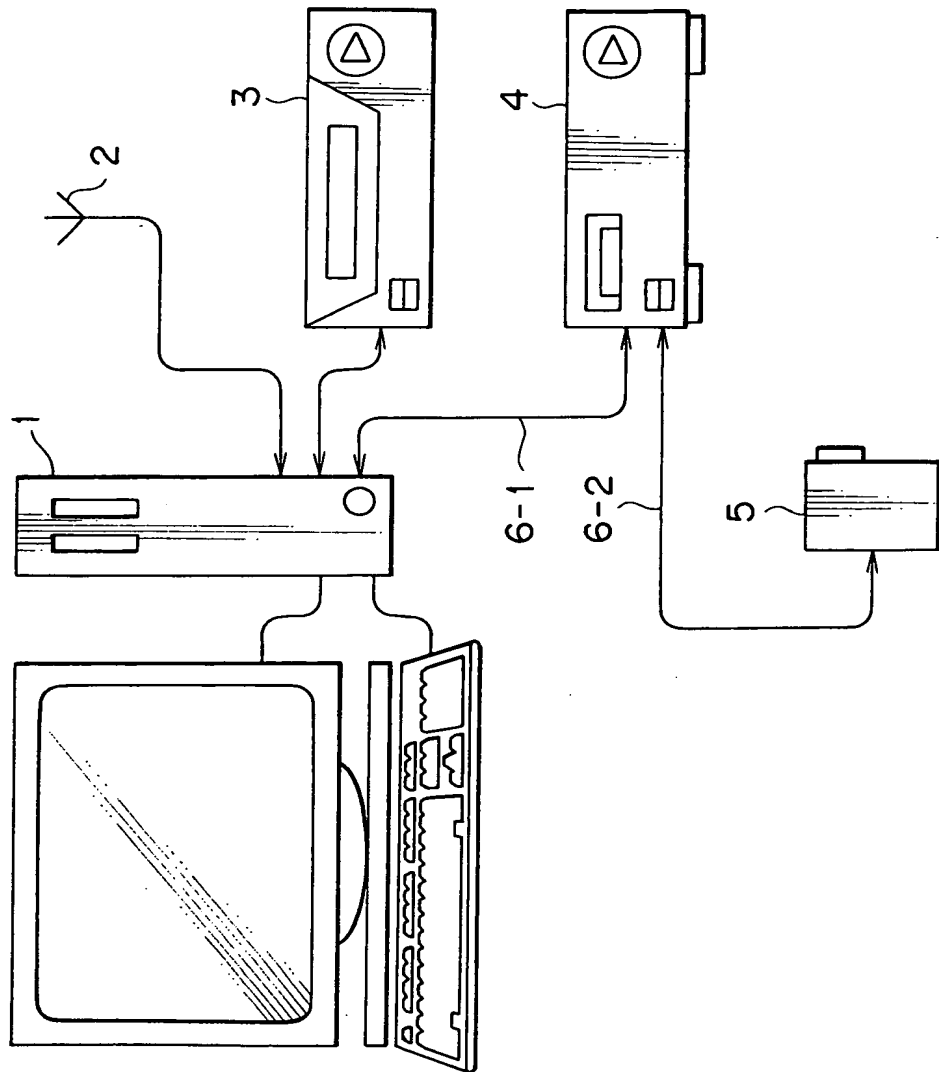


FIG. 2

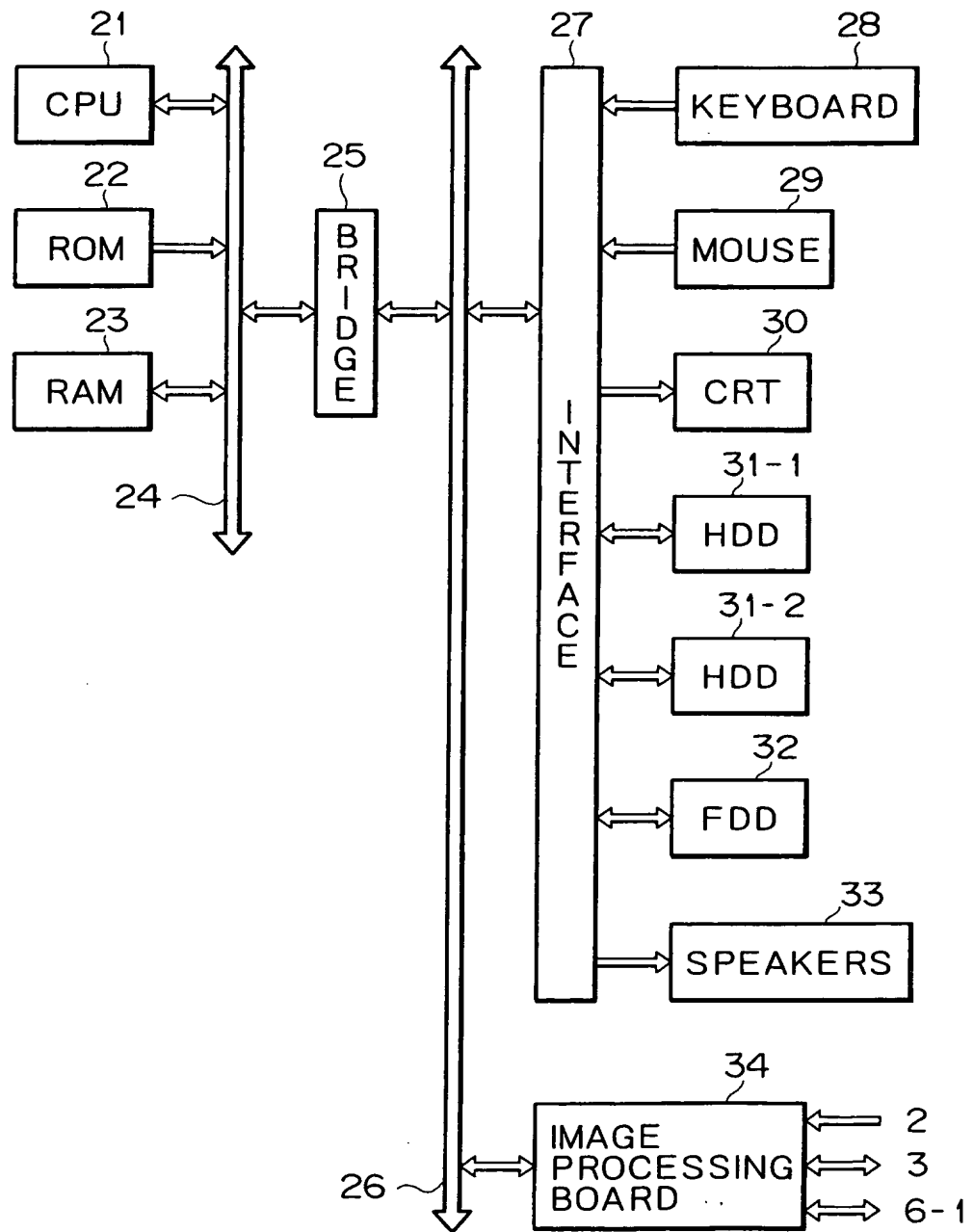


FIG. 3

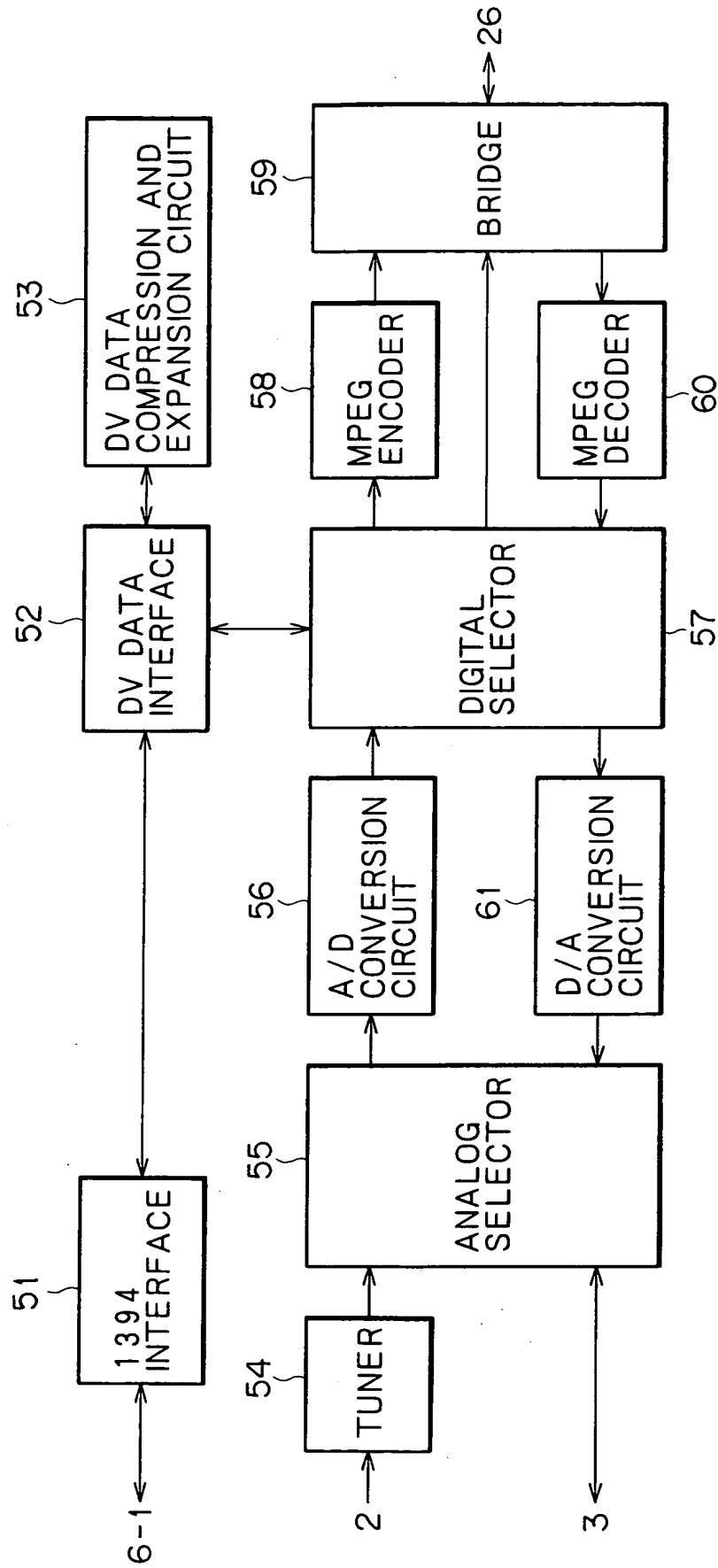


FIG. 4

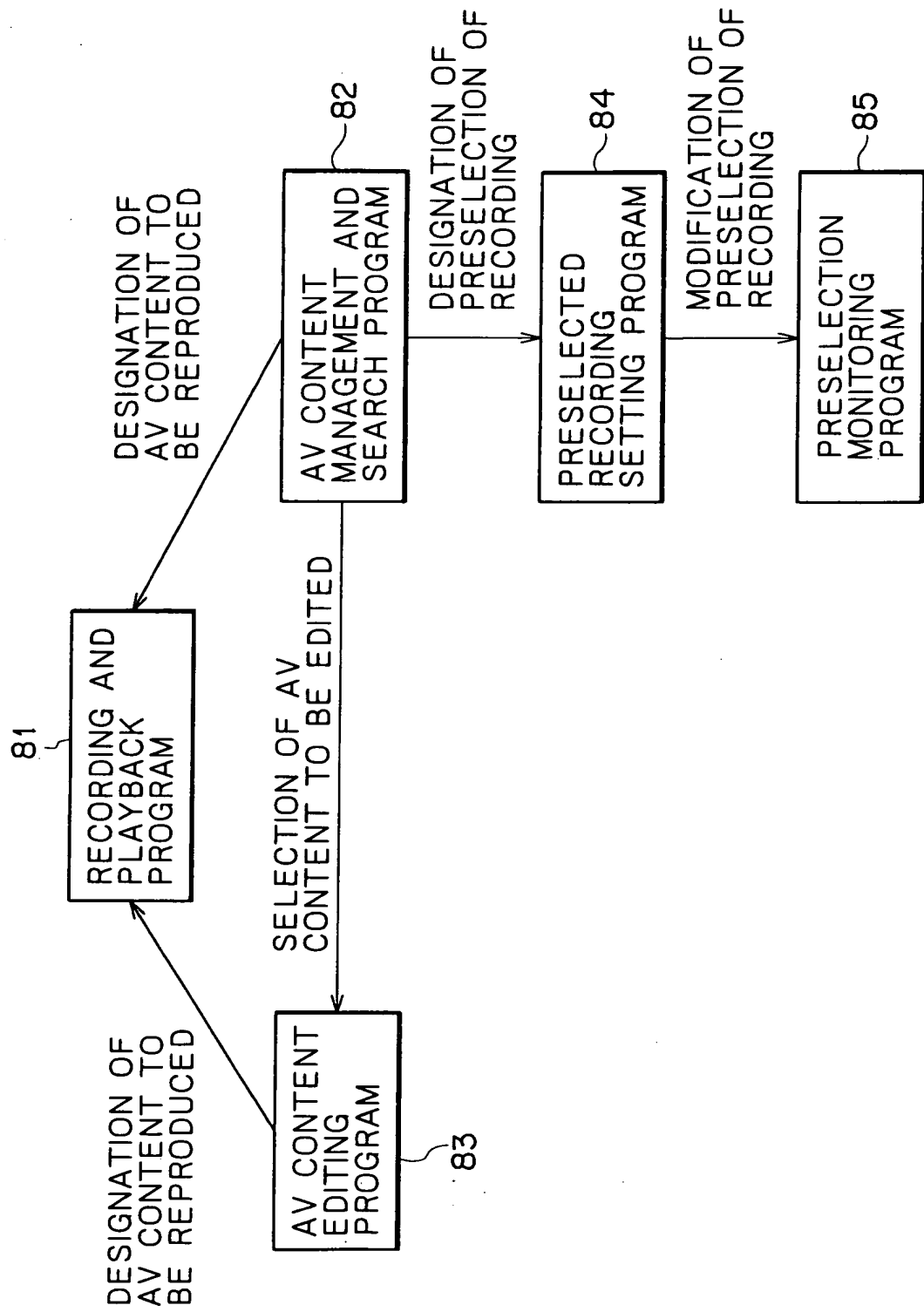


FIG. 5

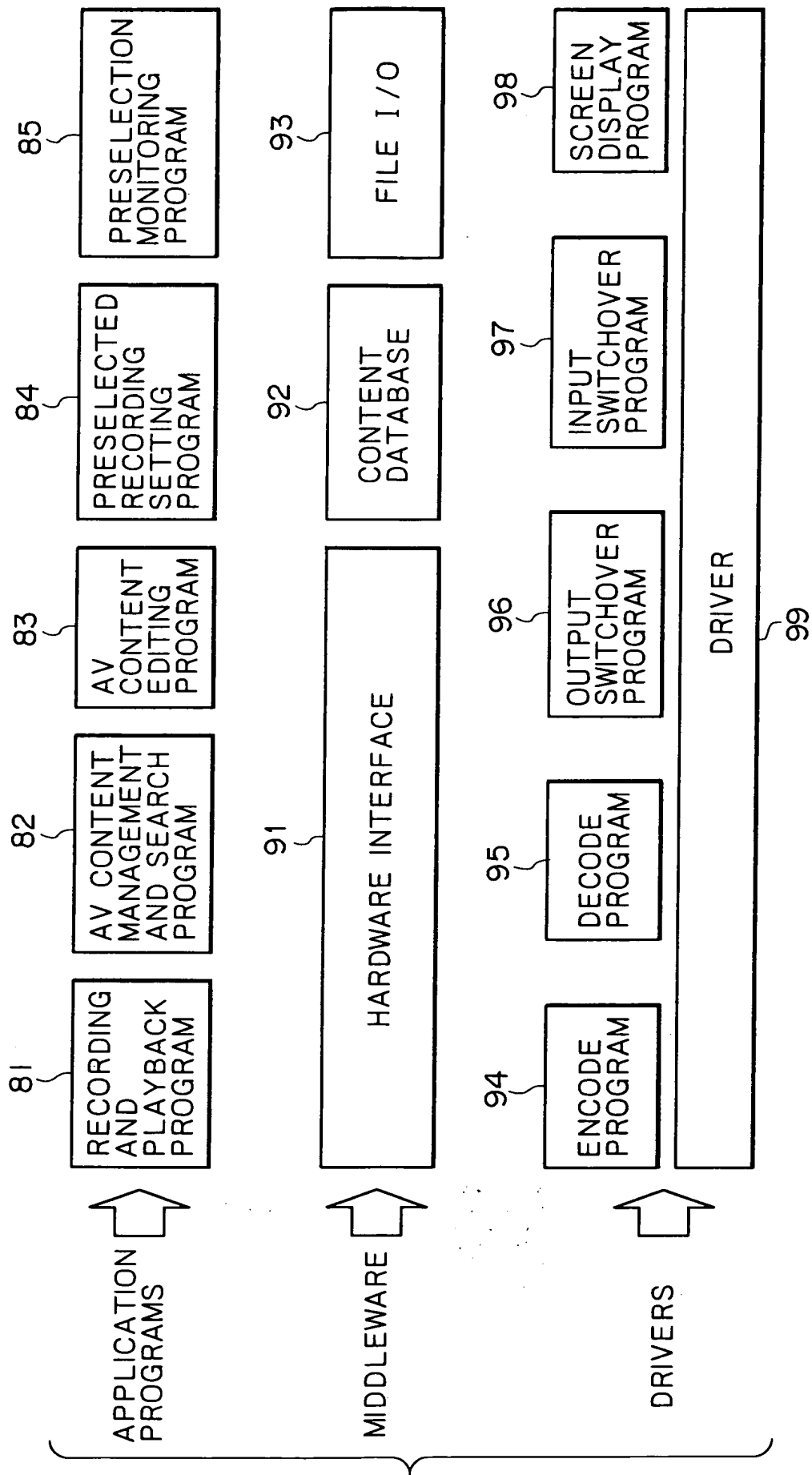


FIG. 6

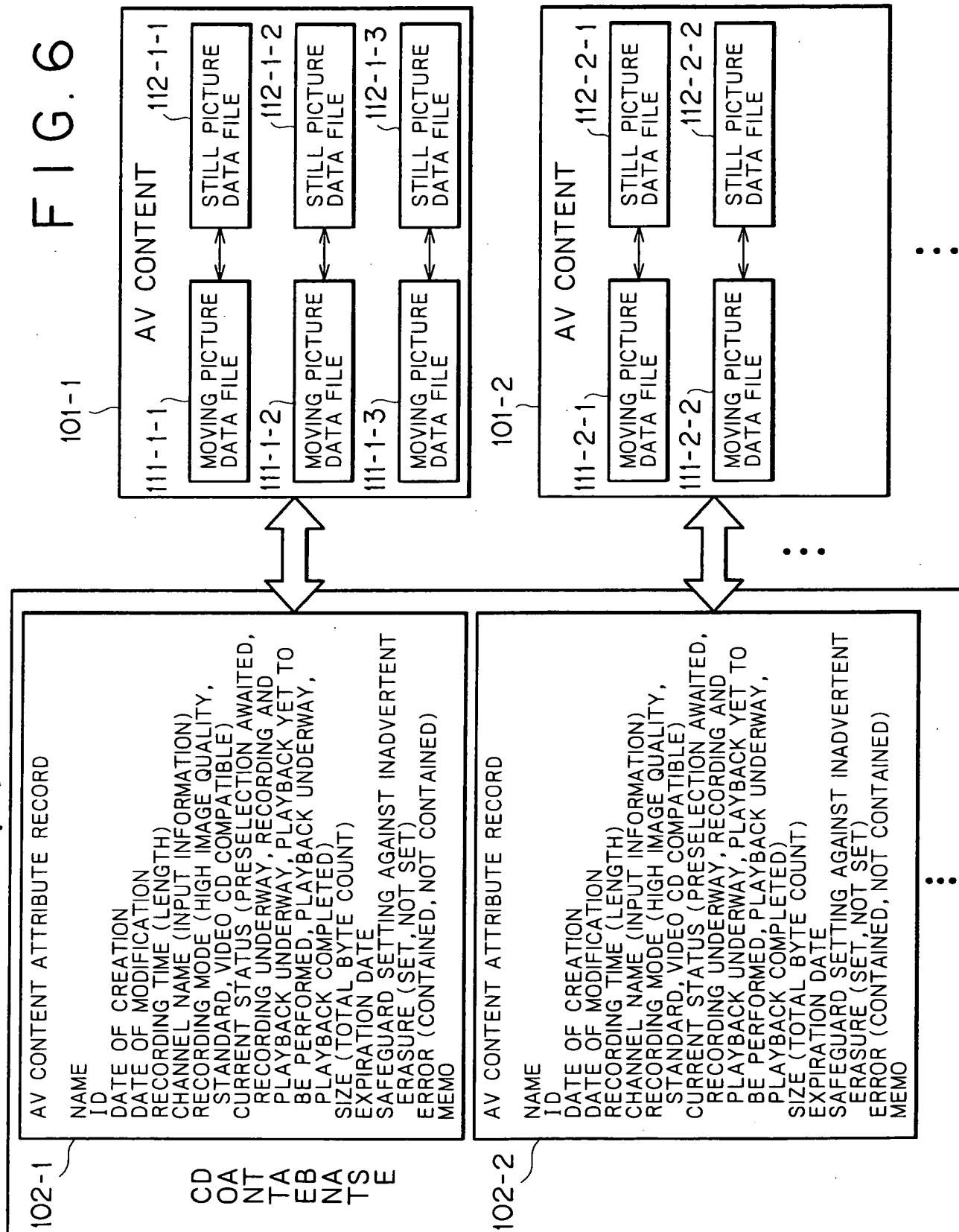


FIG. 7

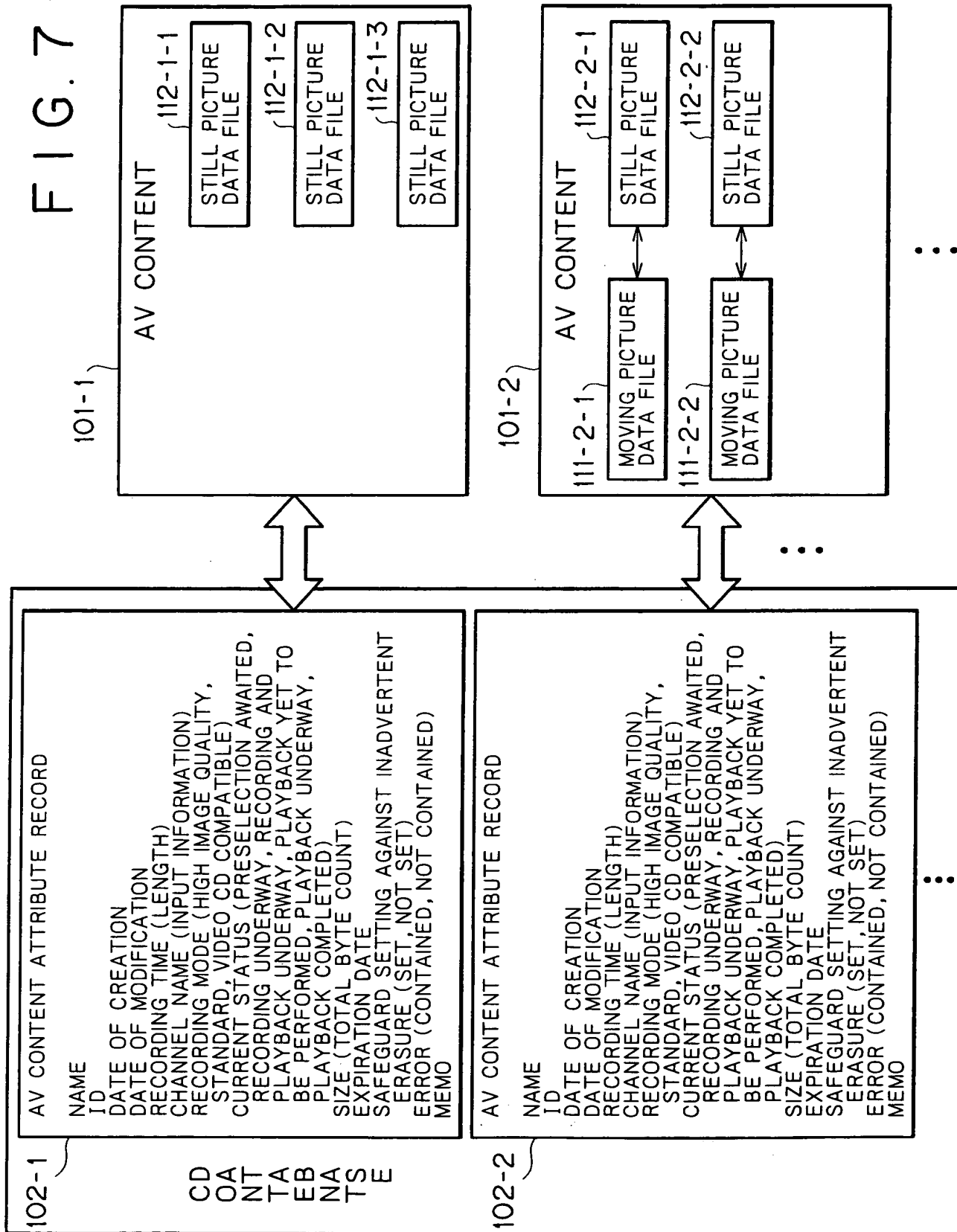
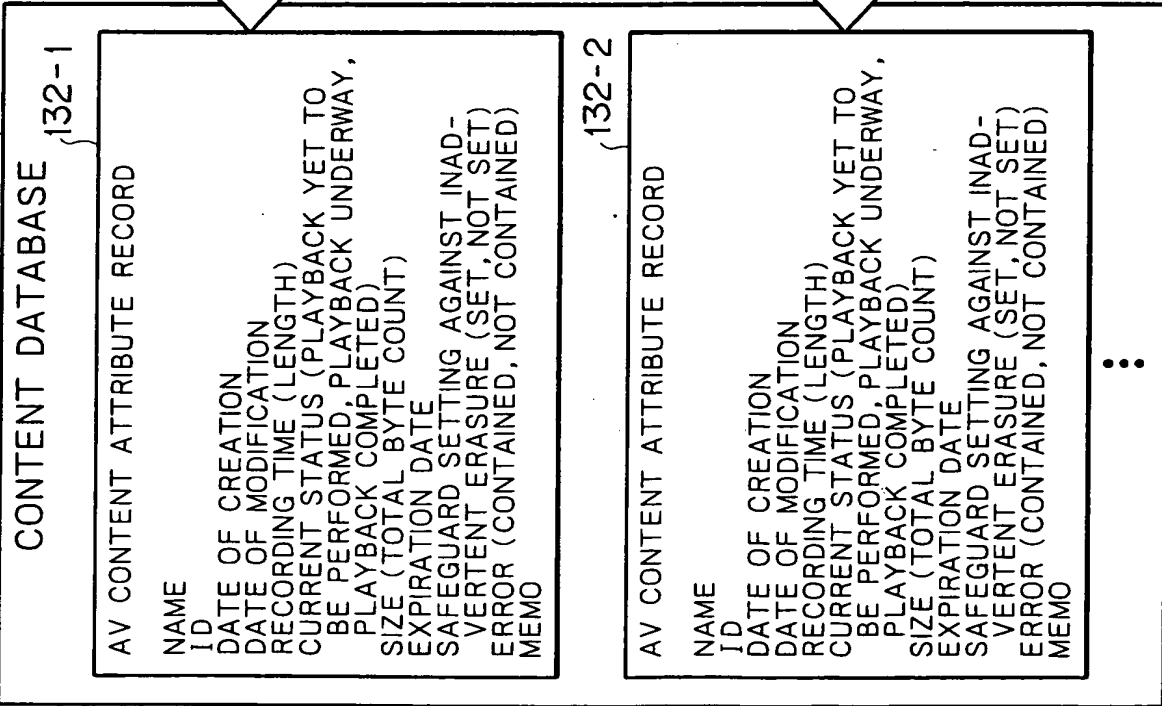
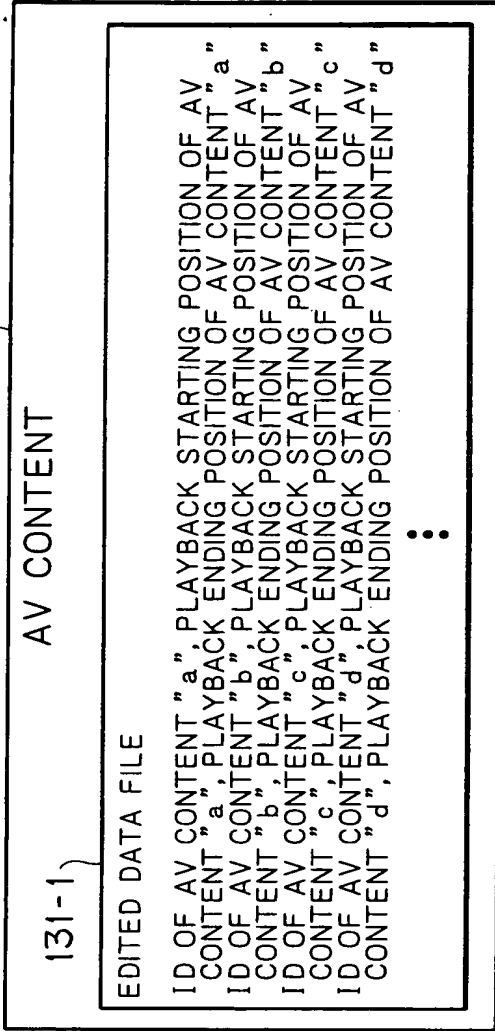


FIG. 8

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121-1



121-2

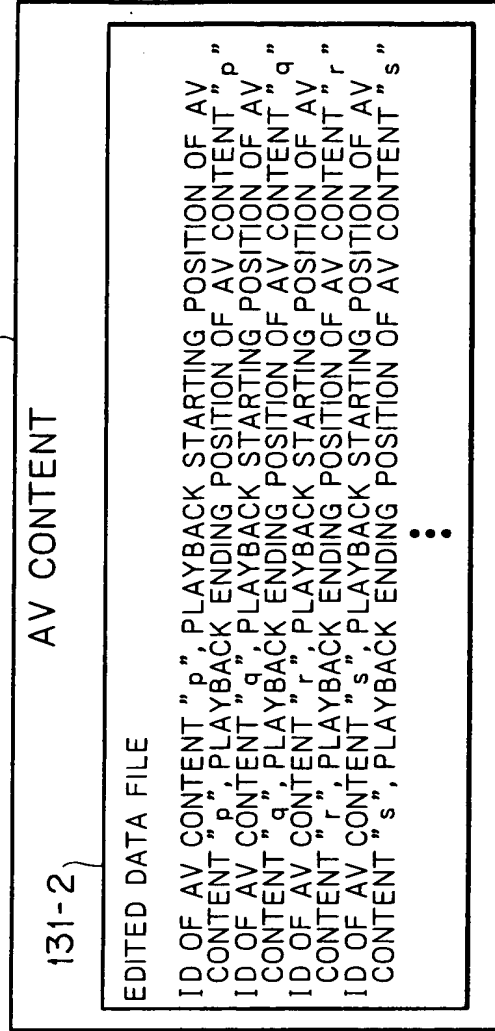


FIG. 9

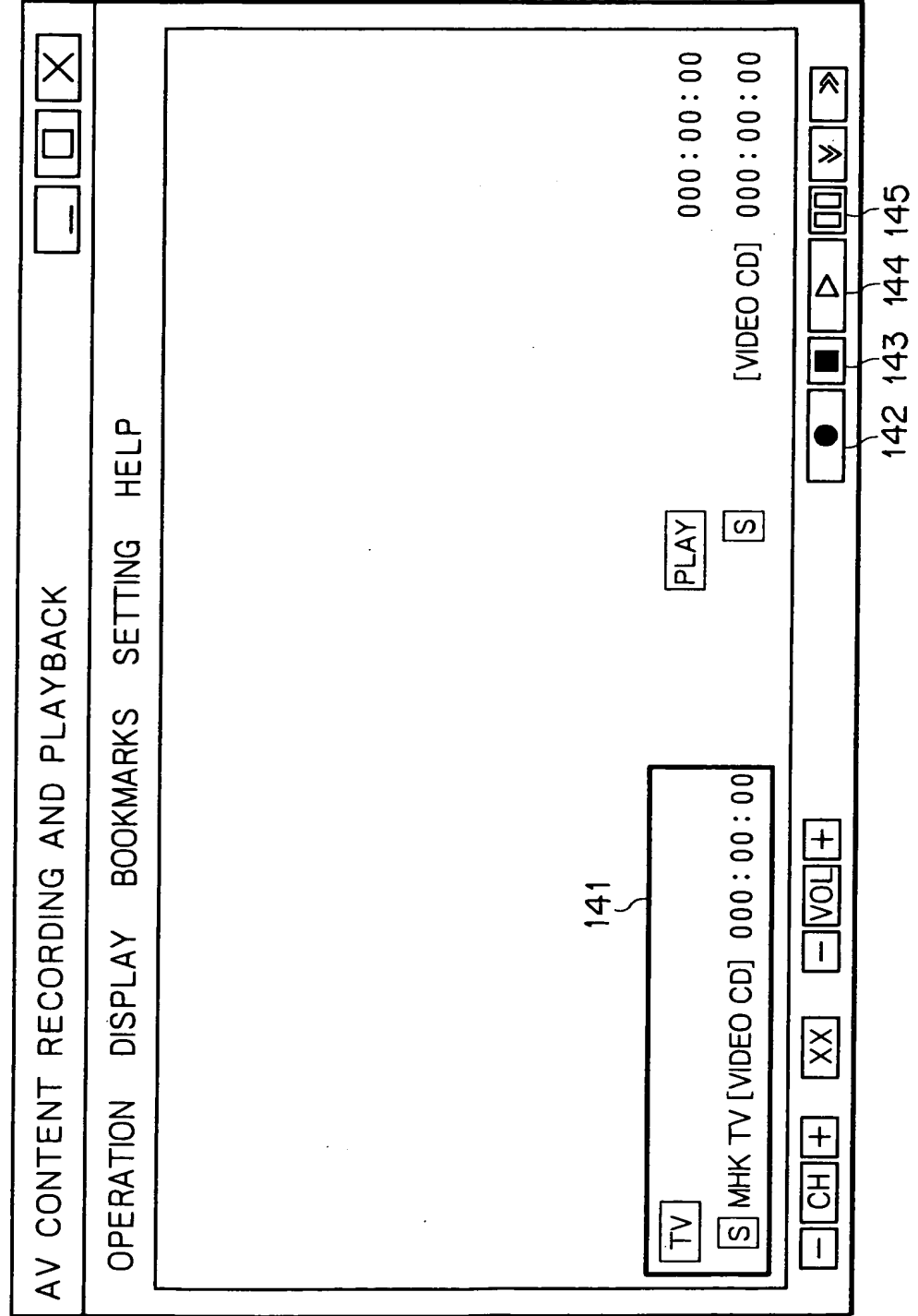


FIG. 10

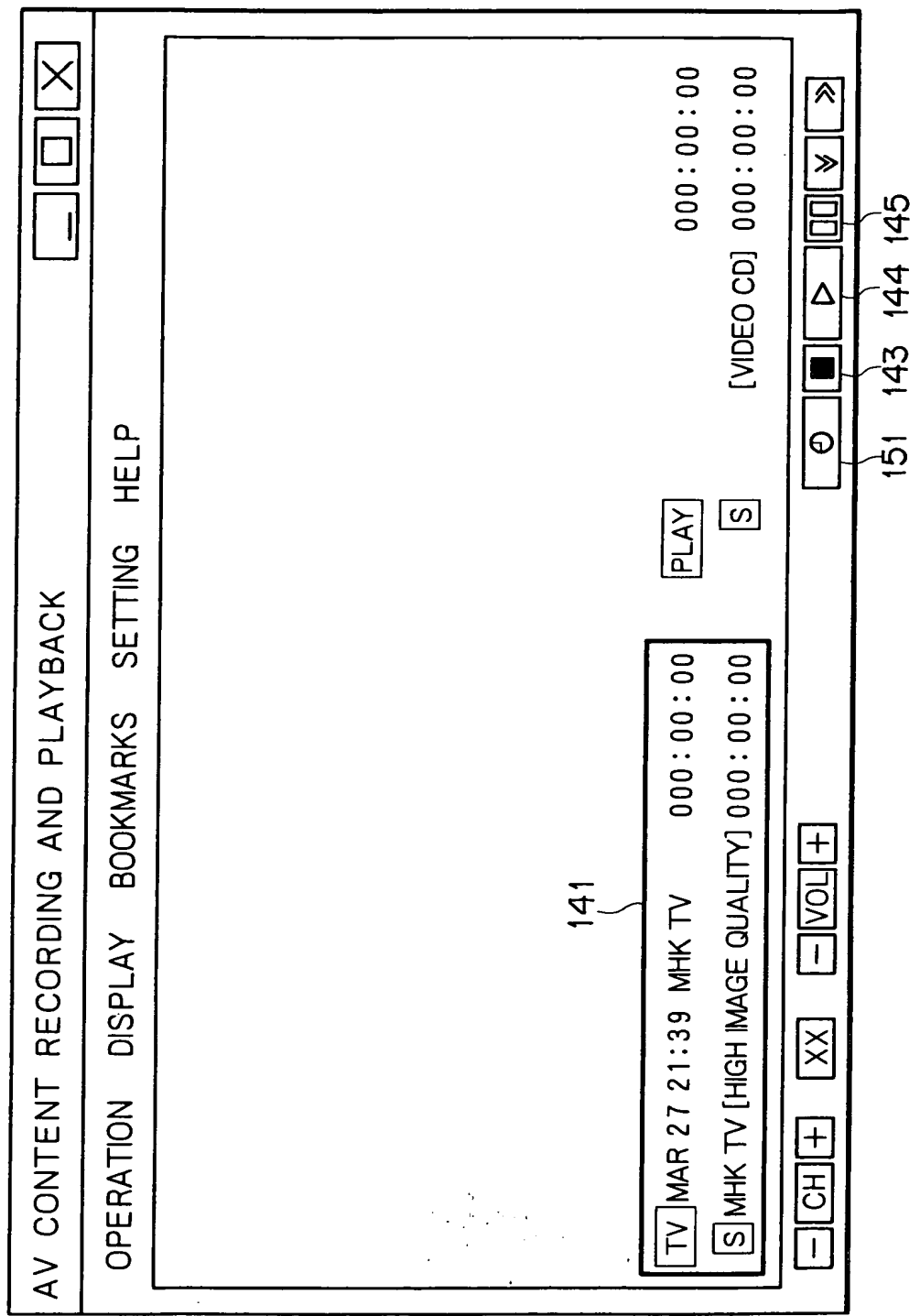


FIG. 11A

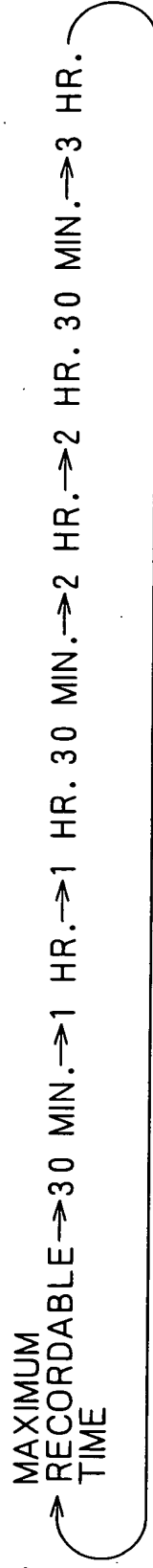


FIG. 11B

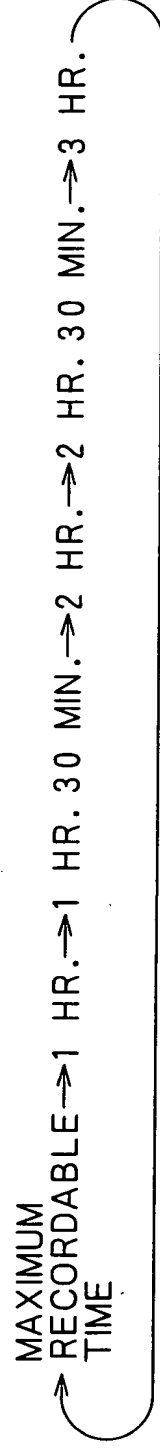


FIG. 11C

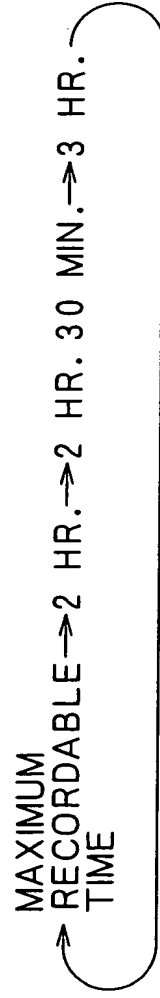


FIG.12



RECORDING END TIME SETTING			
— SET RECORDING DURATION —			
<input checked="" type="radio"/>	TERMINATE RECORDING SINCE STARTING:		
		30 MIN.	▼
		30 MIN.	
		1 HR.	
		1 HR. 30 MIN.	
		2 HR.	
		2 HR. 30 MIN.	
		3 HR.	
<input type="radio"/>	TERMINATE RECORDING AT: (ENDING AT:)		
<input type="radio"/>	SPECIFY MAXIMUM RECORDABLE TIME (ENDING AT:)	<div>23:22 ON FEB 24</div>	
<div>OK</div>		<div>CANCEL</div>	
		<div>HELP</div>	

FIG. 13

RECORDING END TIME SETTING

SET RECORDING DURATION

☐ TERMINATE RECORDING SINCE STARTING:
30 MIN. ▼ LATER

☐ TERMINATE RECORDING AT:
(ENDING AT:) 12 ▲ ▼ : 34 ▲ ▼

☒ SPECIFY MAXIMUM RECORDABLE TIME
(ENDING AT:) 23:22 ON FEB 24

OK CANCEL HELP

FIG. 14

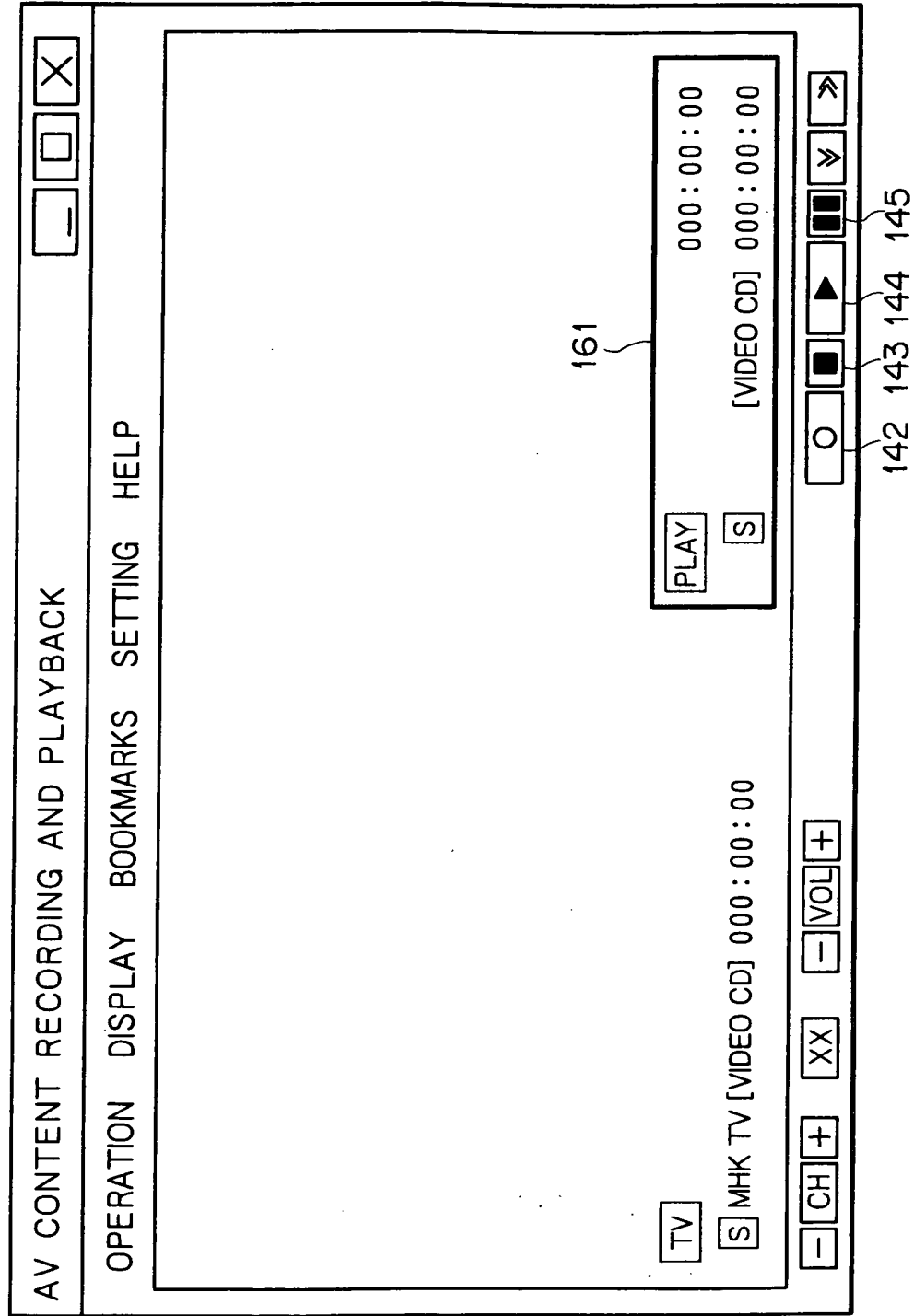


FIG. 15

AV CONTENT RECORDING AND PLAYBACK

OPERATION DISPLAY BOOKMARKS SETTING HELP

INPUT [PLAY] 000:00:00

[S] [STANDARD] 000:00:00

COPY [PLAY] 000:00:00

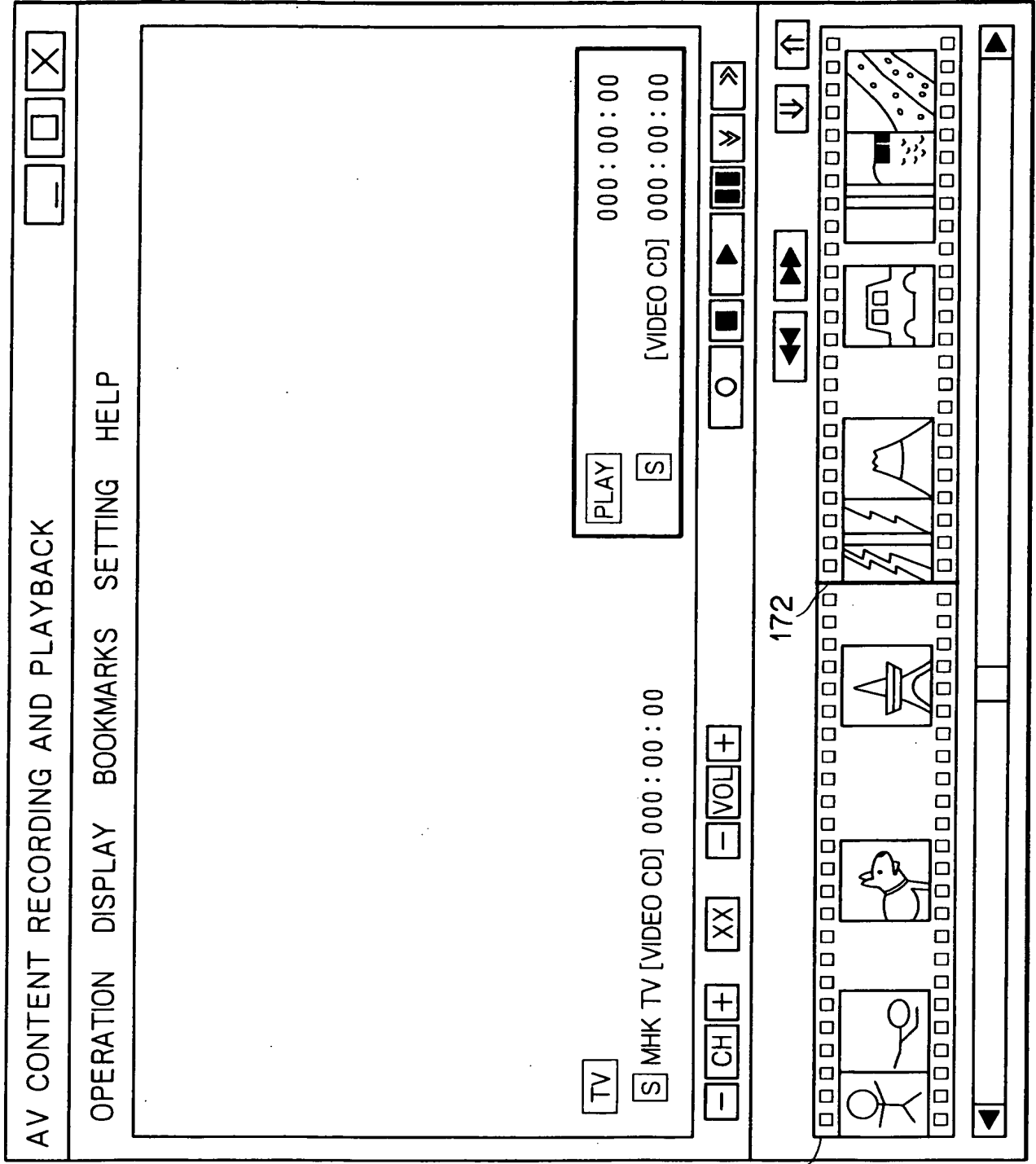
[S] [HIGH IMAGE QUALITY] 000:00:00

TV [PLAY] 000:00:00

[S] MHK TV [VIDEO CD] 000:00:00

[S] [O] [VOL] [CH] [XX] [142] [143] [144] [145]

FIG. 16



[illegible]

PLAY LIST	OPERATION	DISPLAY	HELP	TAPE SELECTION
-----------	-----------	---------	------	----------------

CUT 1

ADD TO
PLAY LIST

CUT NAME	IN POINT	OUT POINT	MATERIAL
----------	----------	-----------	----------

TOTAL TIME	00:00:00
------------	----------

ERASE MODIFY PREVIEW SAVE LIST

SET FOR "IN" SET FOR "OUT"

MAR 27 20:31
VVV TV

ERASE
CREATE CUT

00:00:00 CHECK CHECK 00:02:01

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NEXT GOP

PREVIOUS SCENE PREVIOUS GOP

FIG. 18

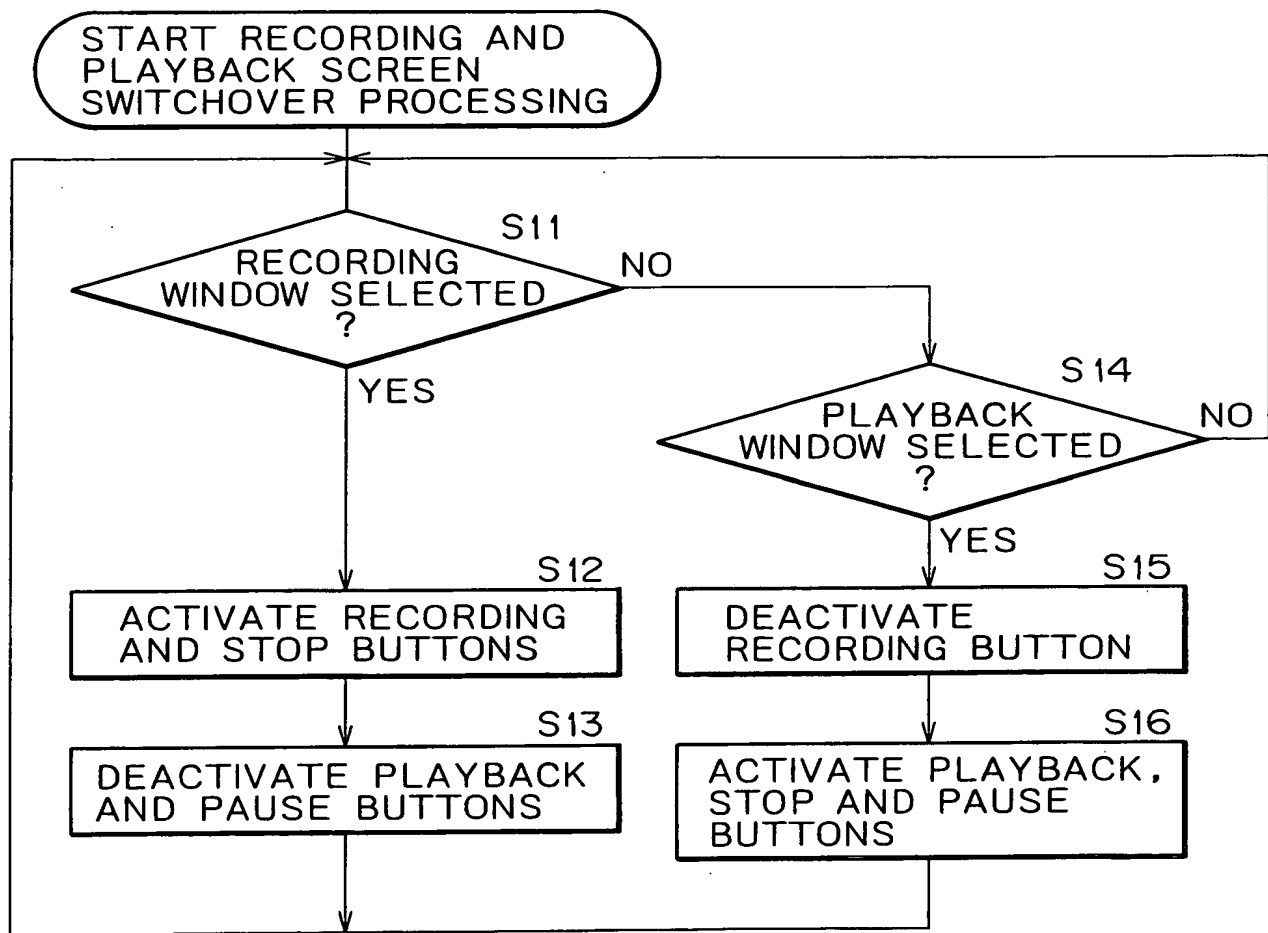
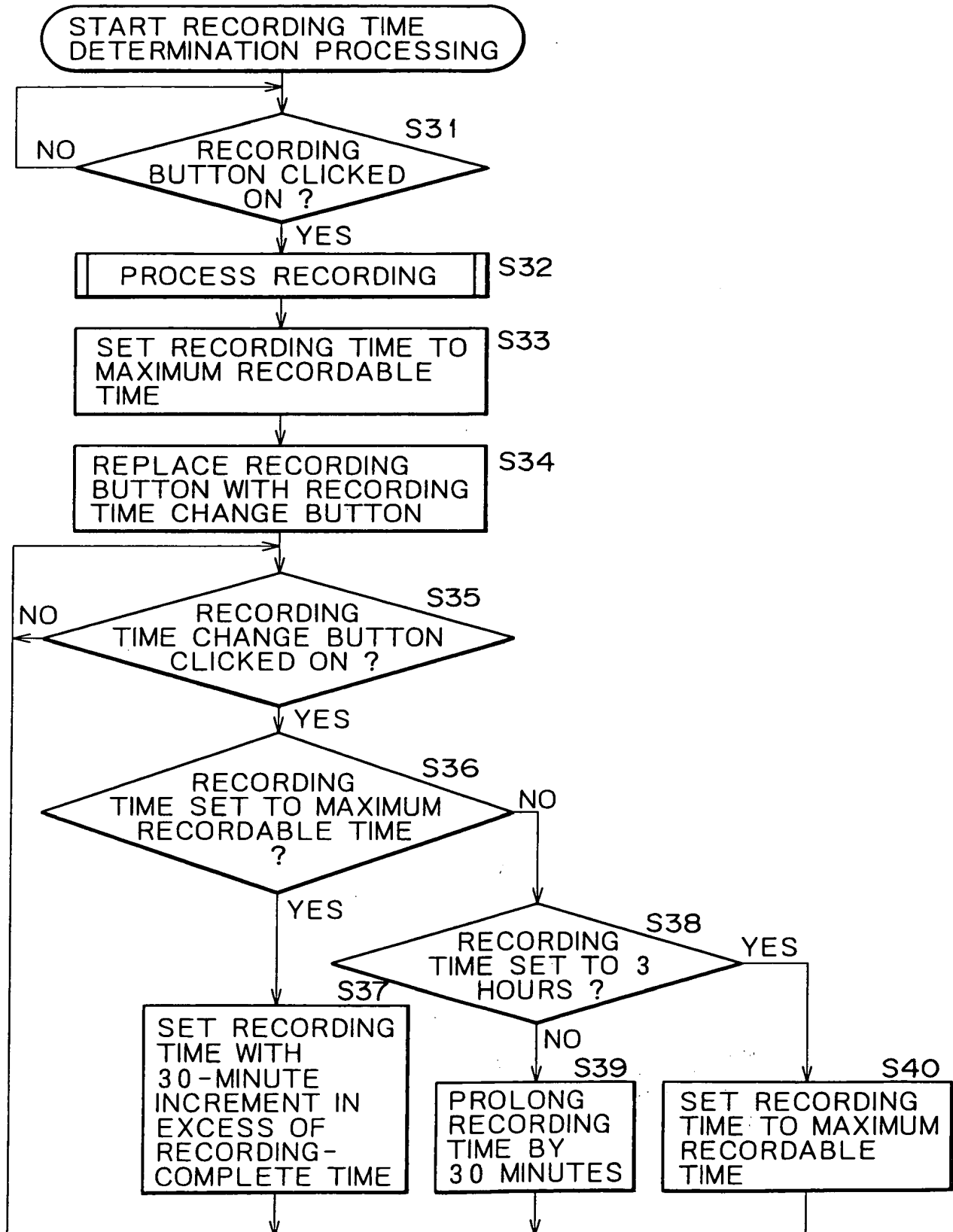


FIG. 19



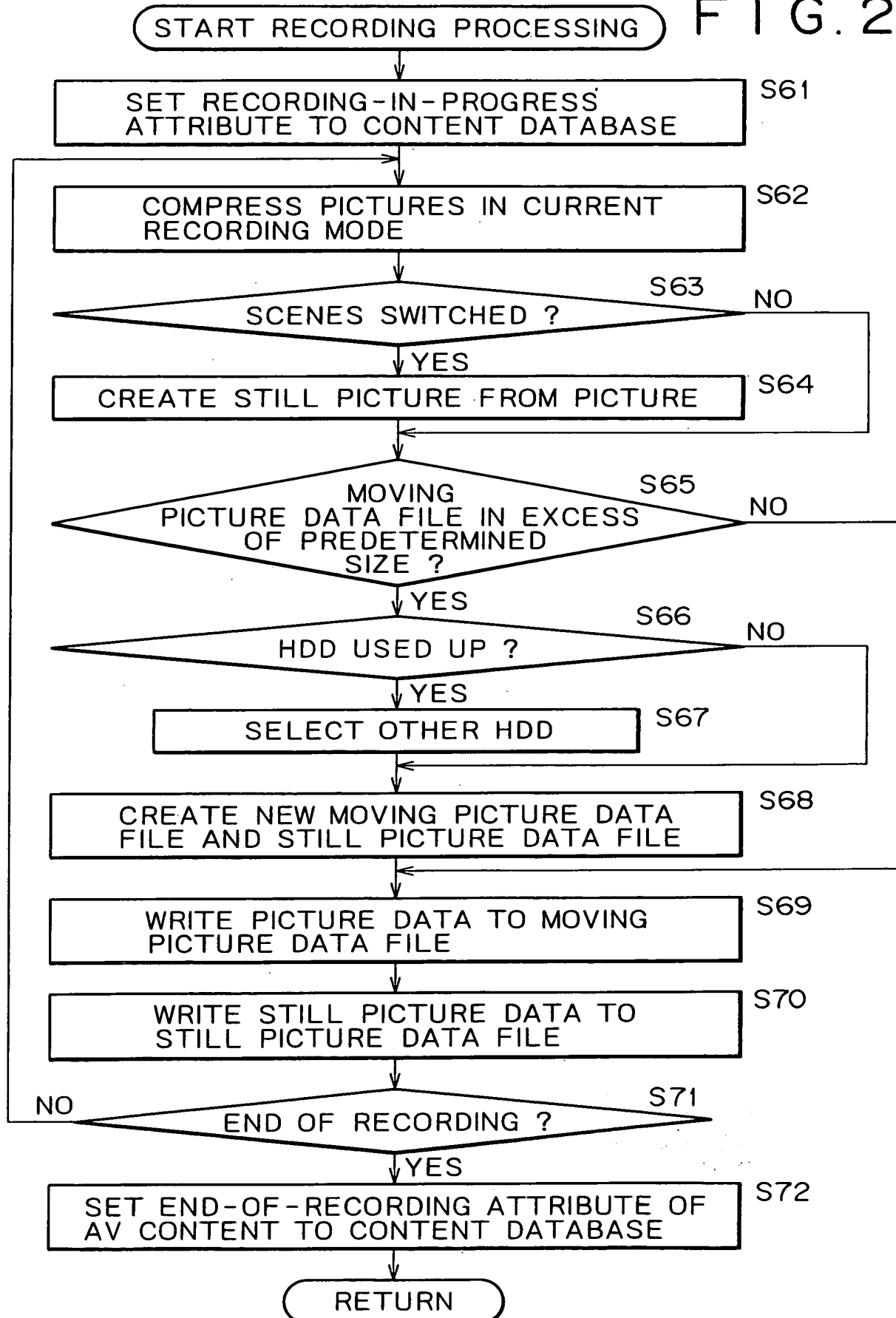


FIG. 21

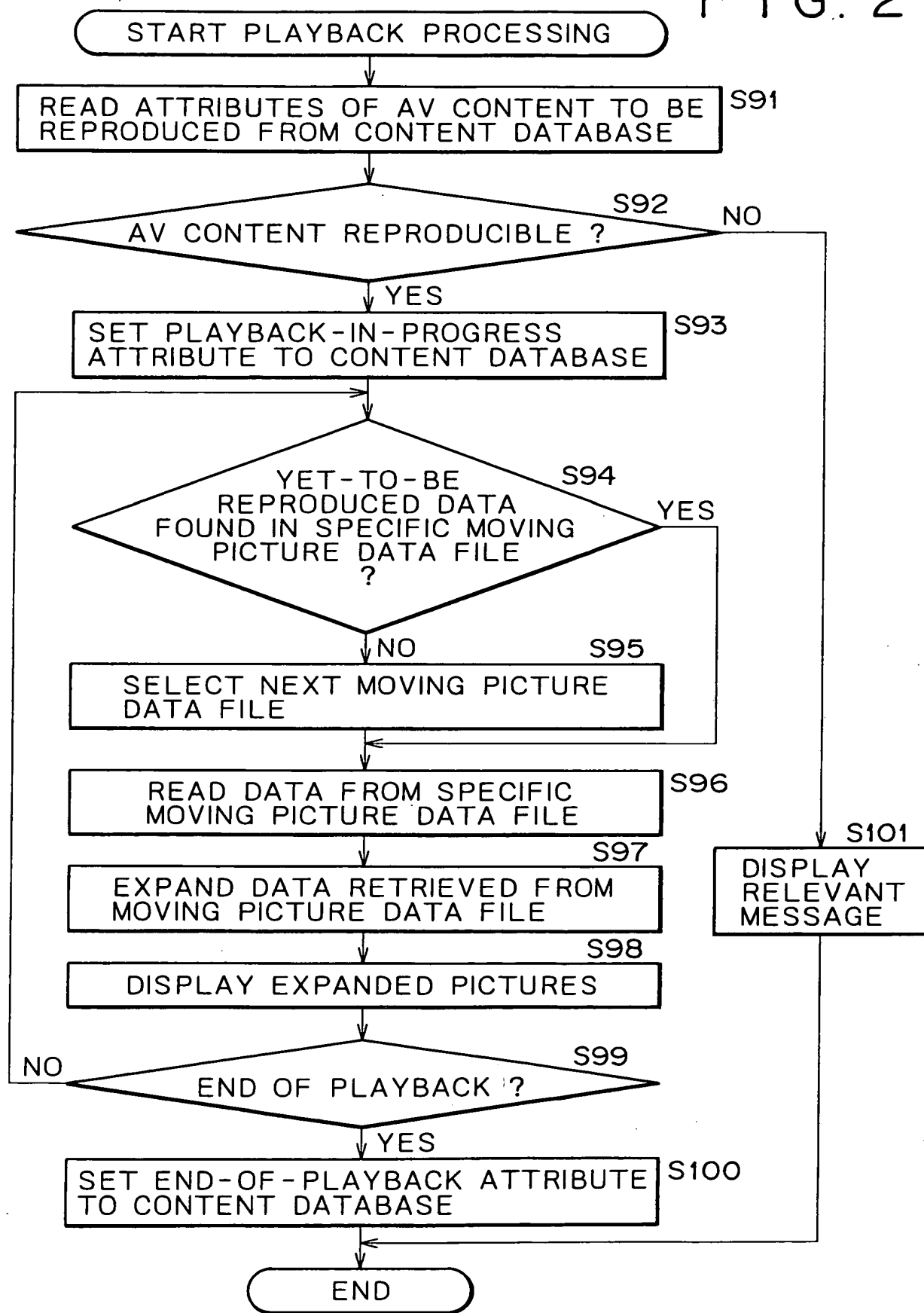


FIG. 22

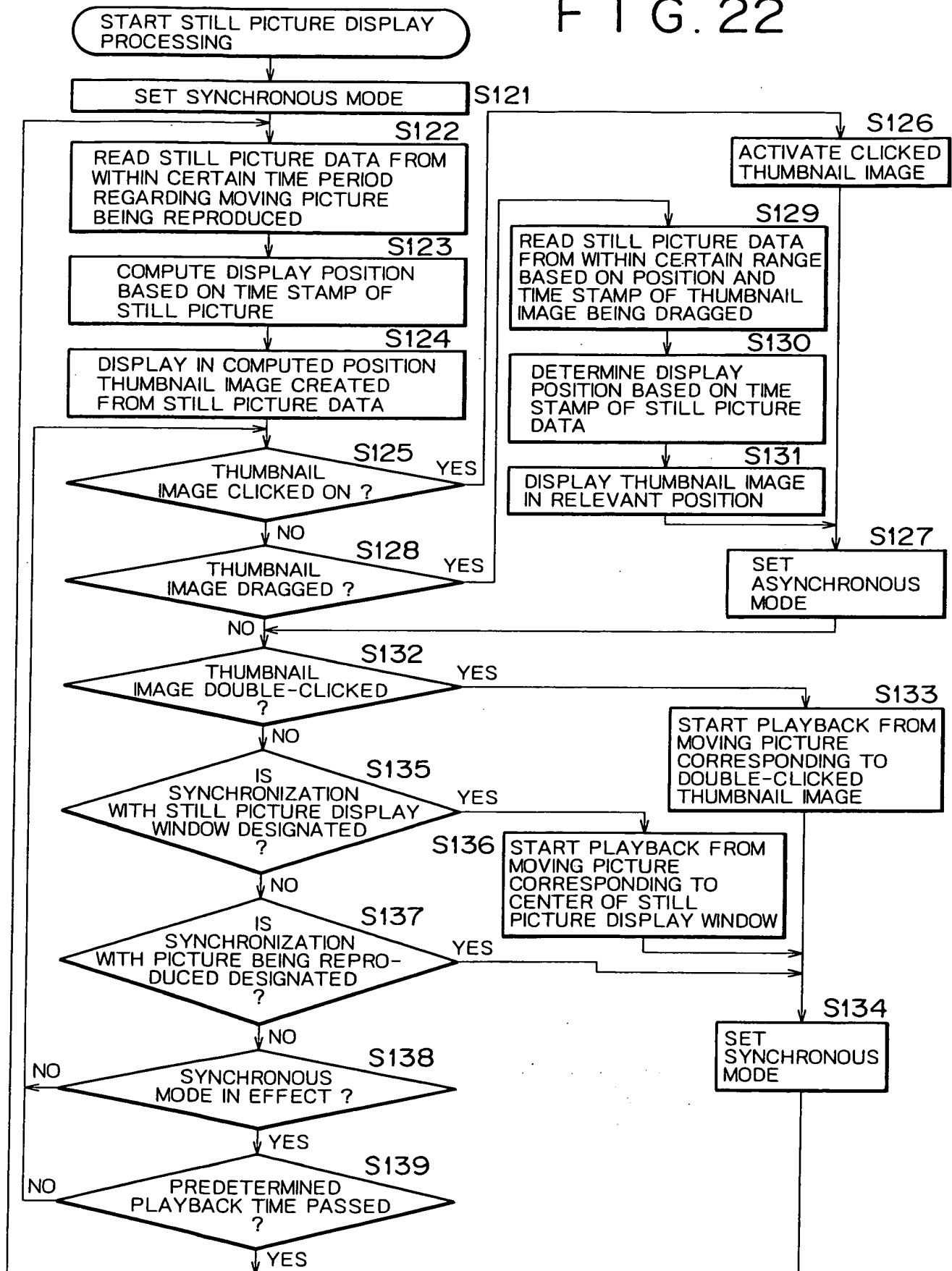


FIG. 23

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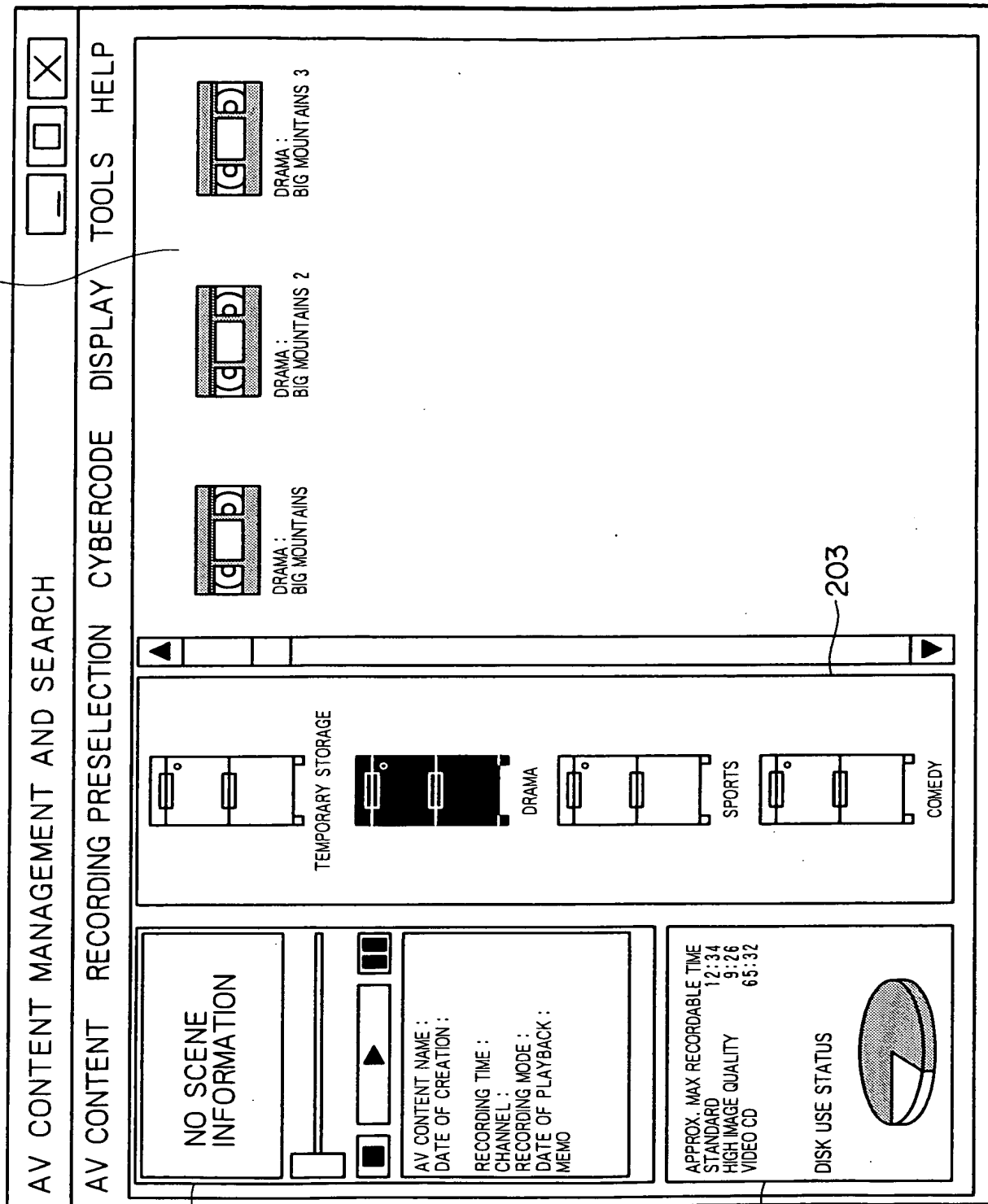


FIG. 24

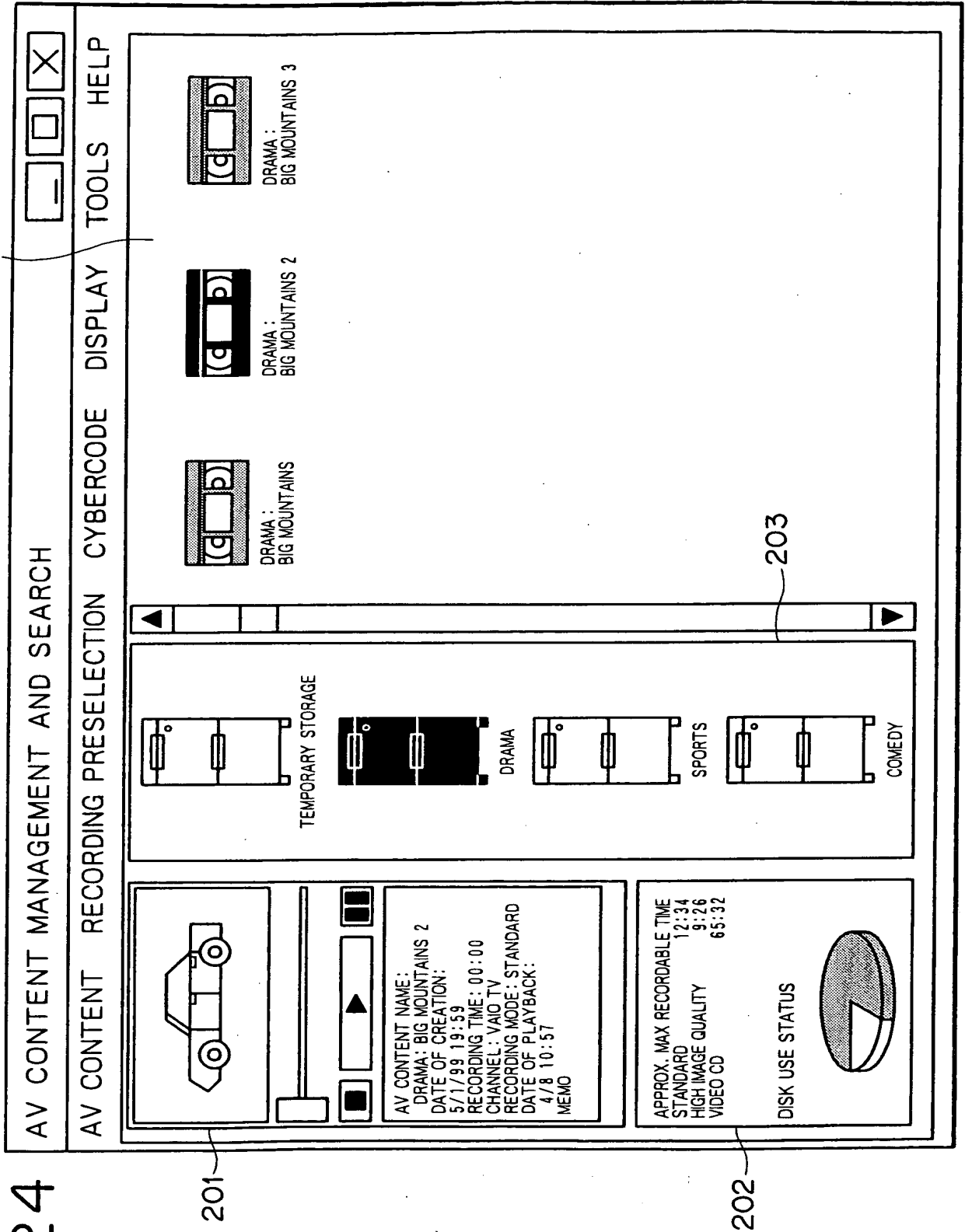


FIG. 25A

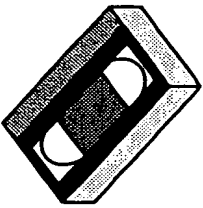


FIG. 25B

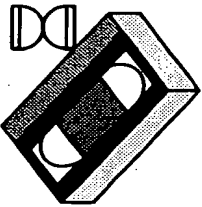


FIG. 25C

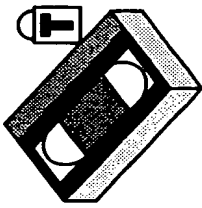


FIG. 25D

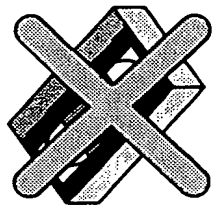


FIG. 25E

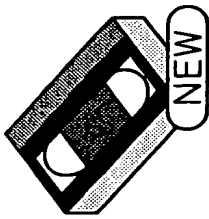


FIG. 25F

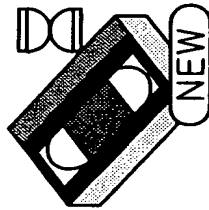


FIG. 25G

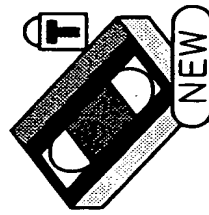


FIG. 25H

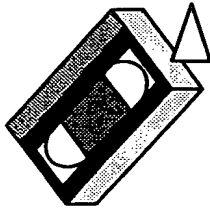


FIG. 25I

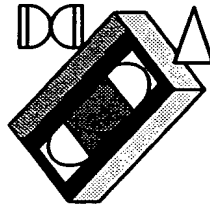


FIG. 25J

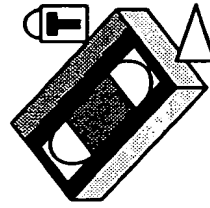


FIG. 25K

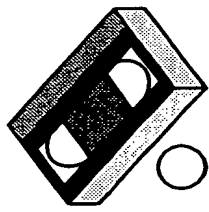


FIG. 25L

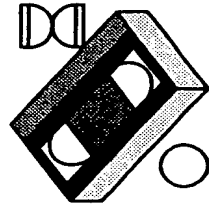


FIG. 25M

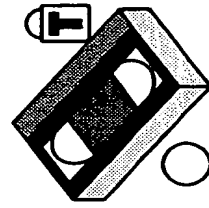


FIG. 26A

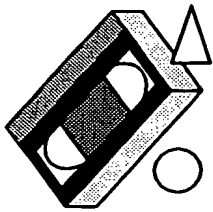


FIG. 26B

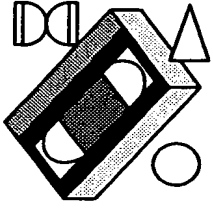


FIG. 26C

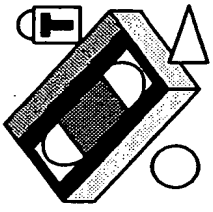


FIG. 26D

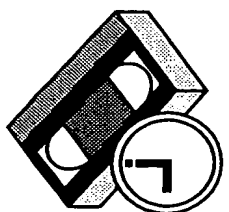


FIG. 26E



FIG. 26F

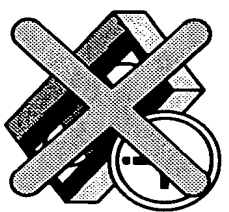


FIG. 26G

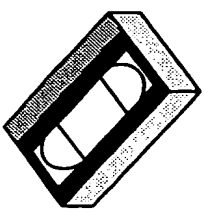


FIG. 26H

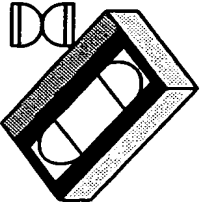


FIG. 26I

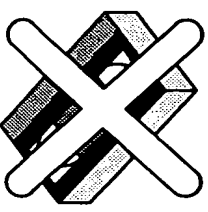


FIG. 26J

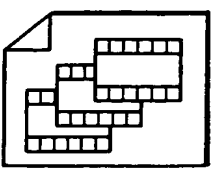


FIG. 26K

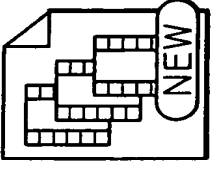


FIG. 26L

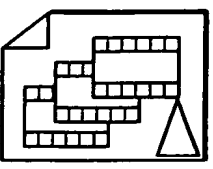
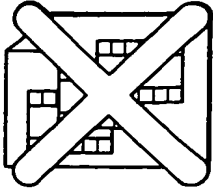


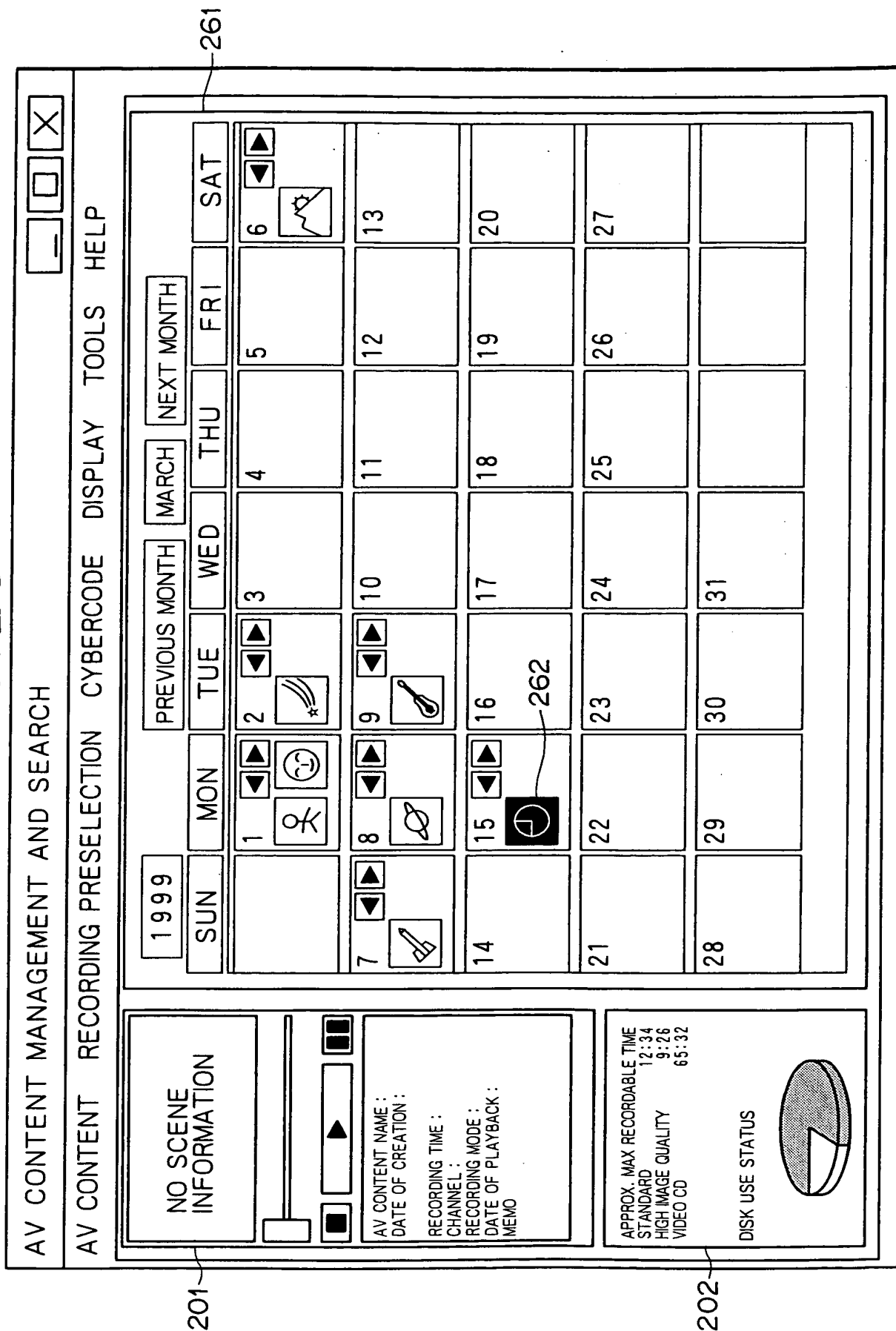
FIG. 26M



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202-

FIG. 28



201

202

FIG. 29

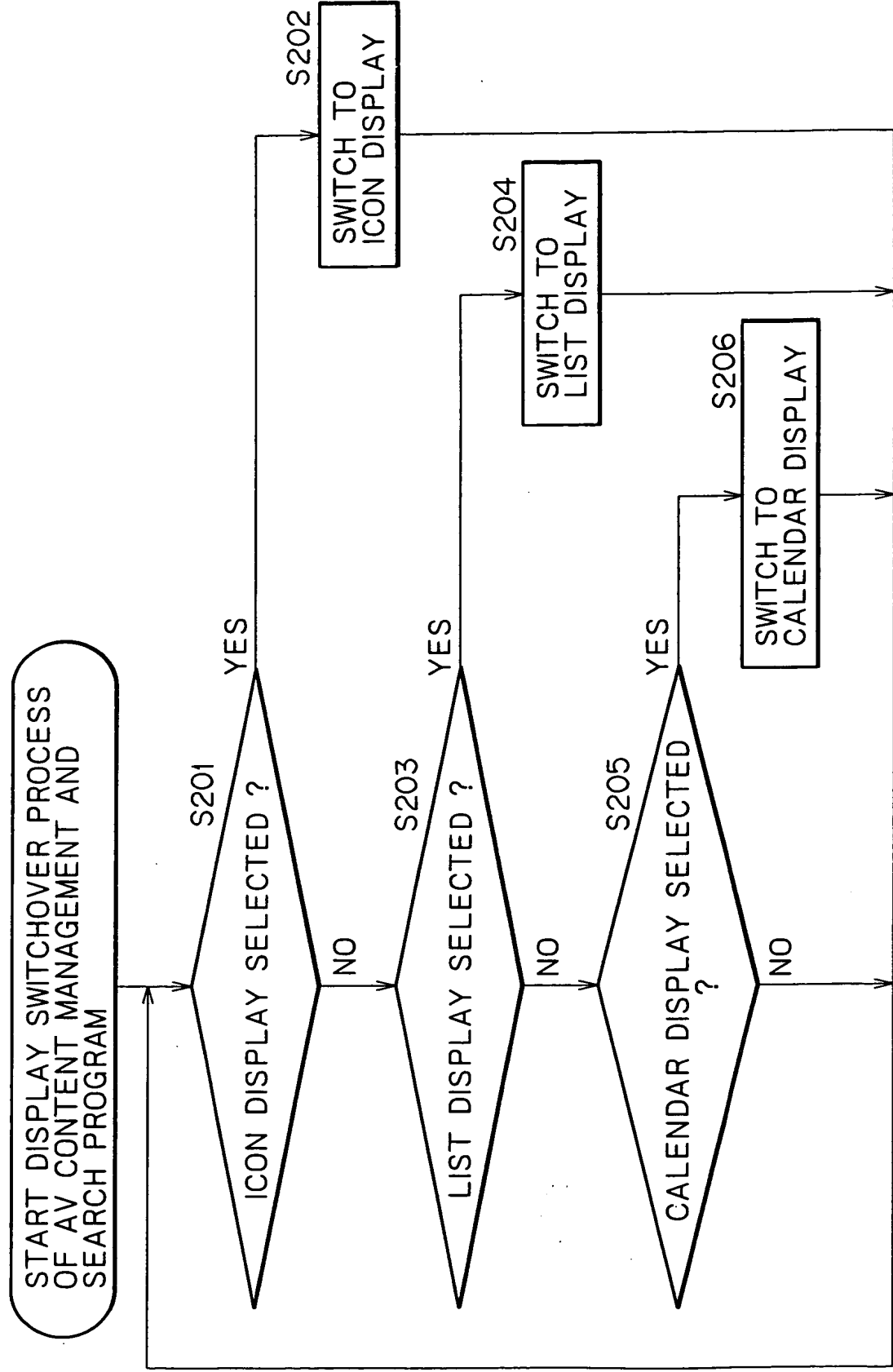


FIG. 30

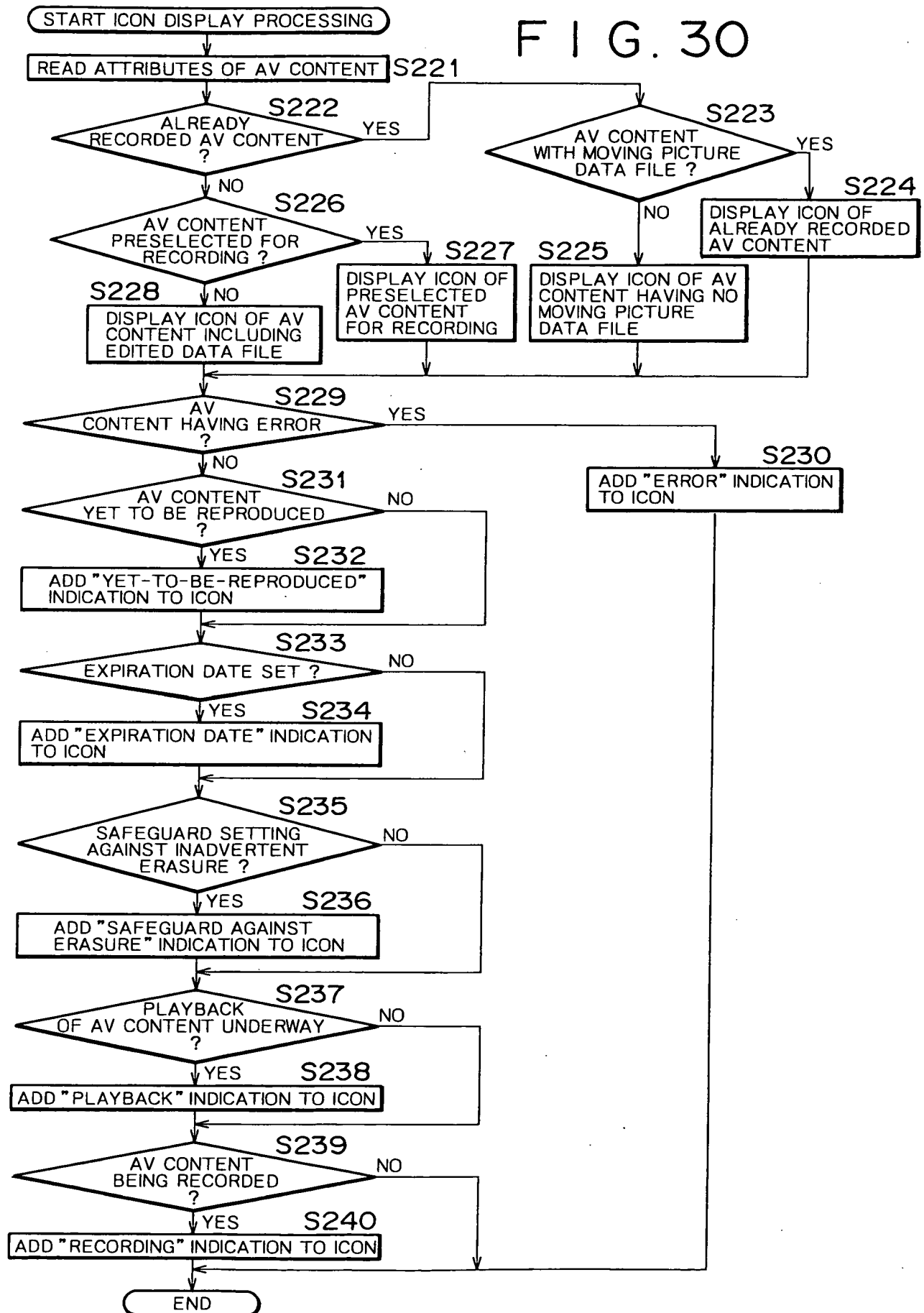


FIG. 31

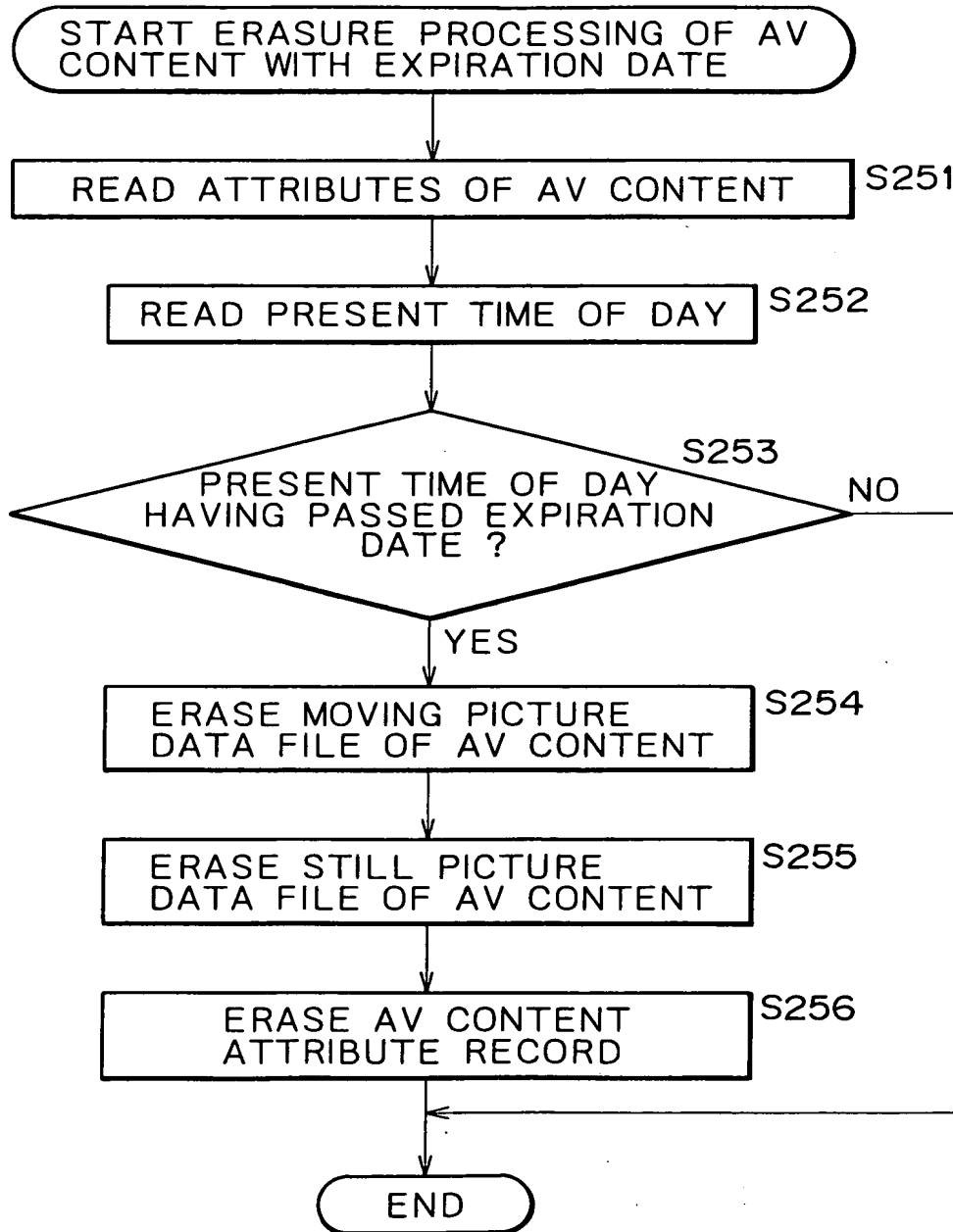


FIG. 32

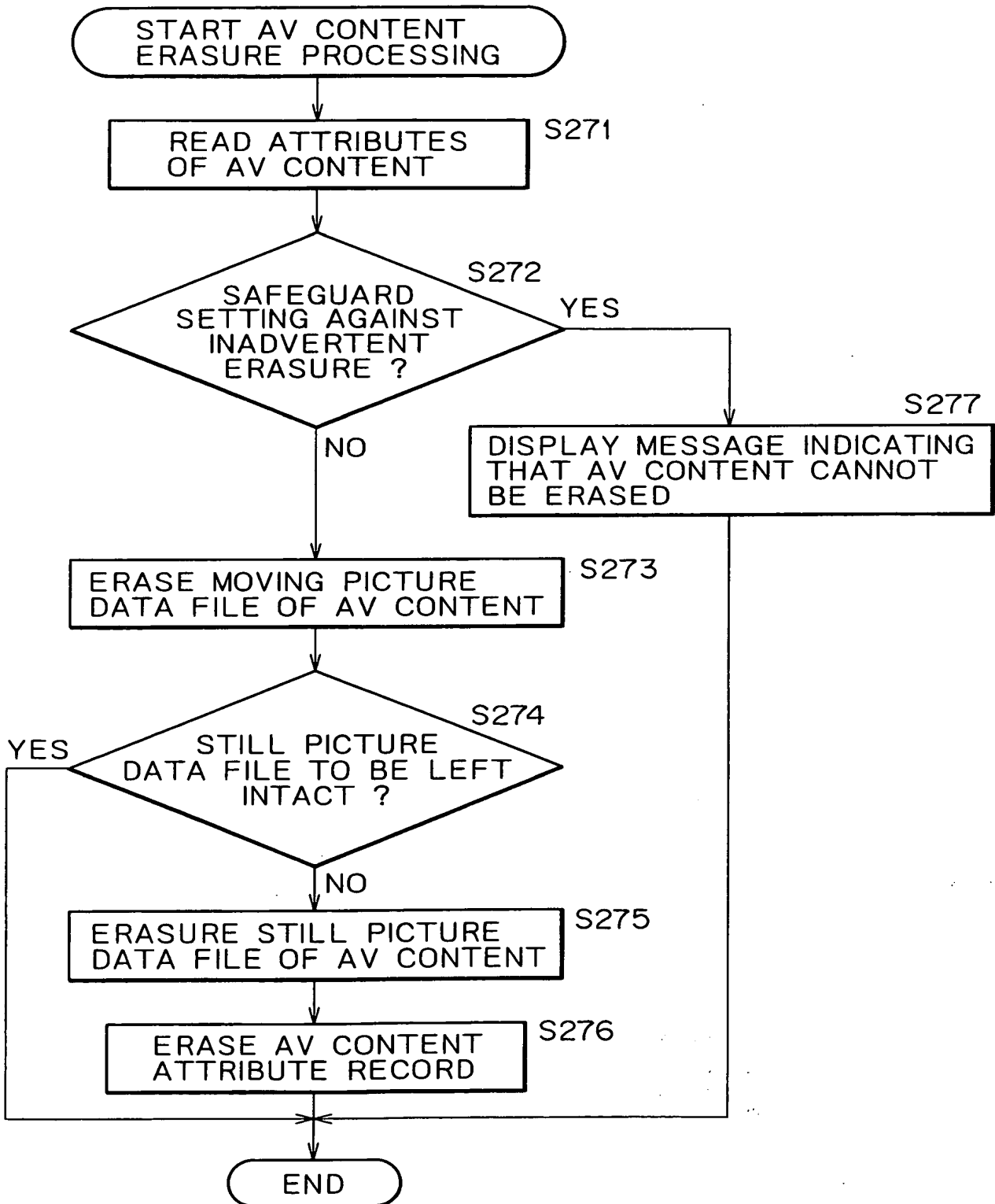


FIG. 33

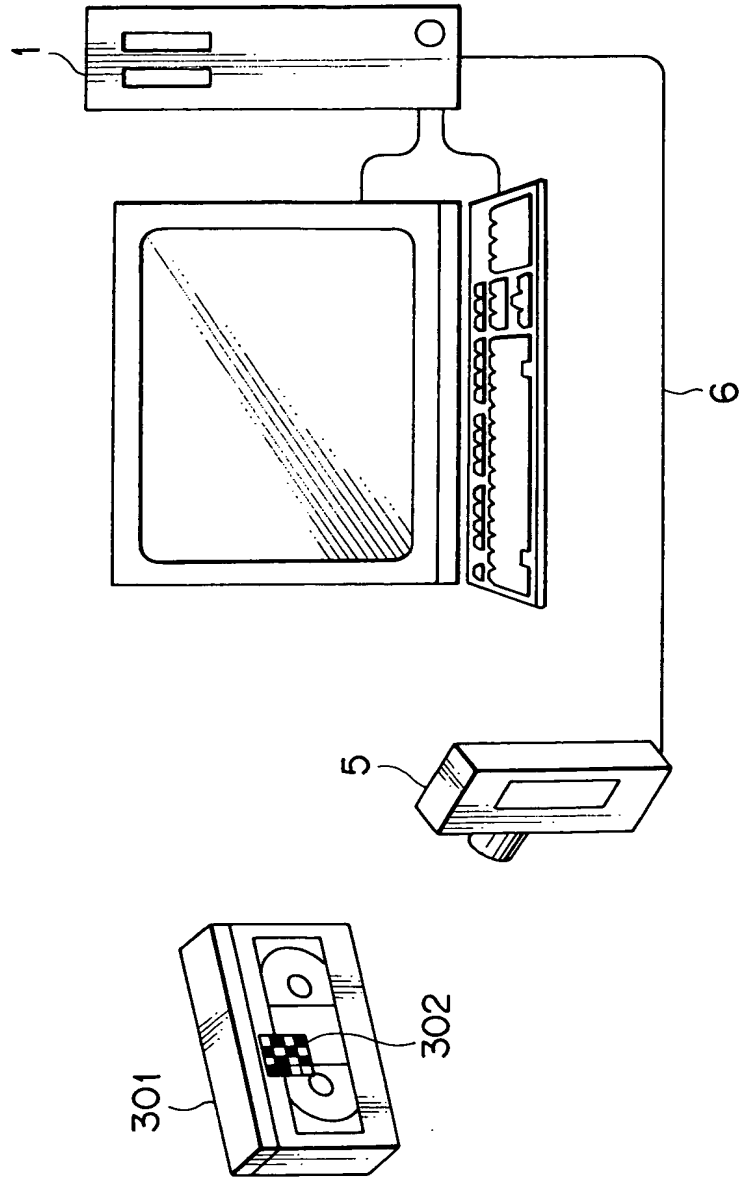


FIG. 34

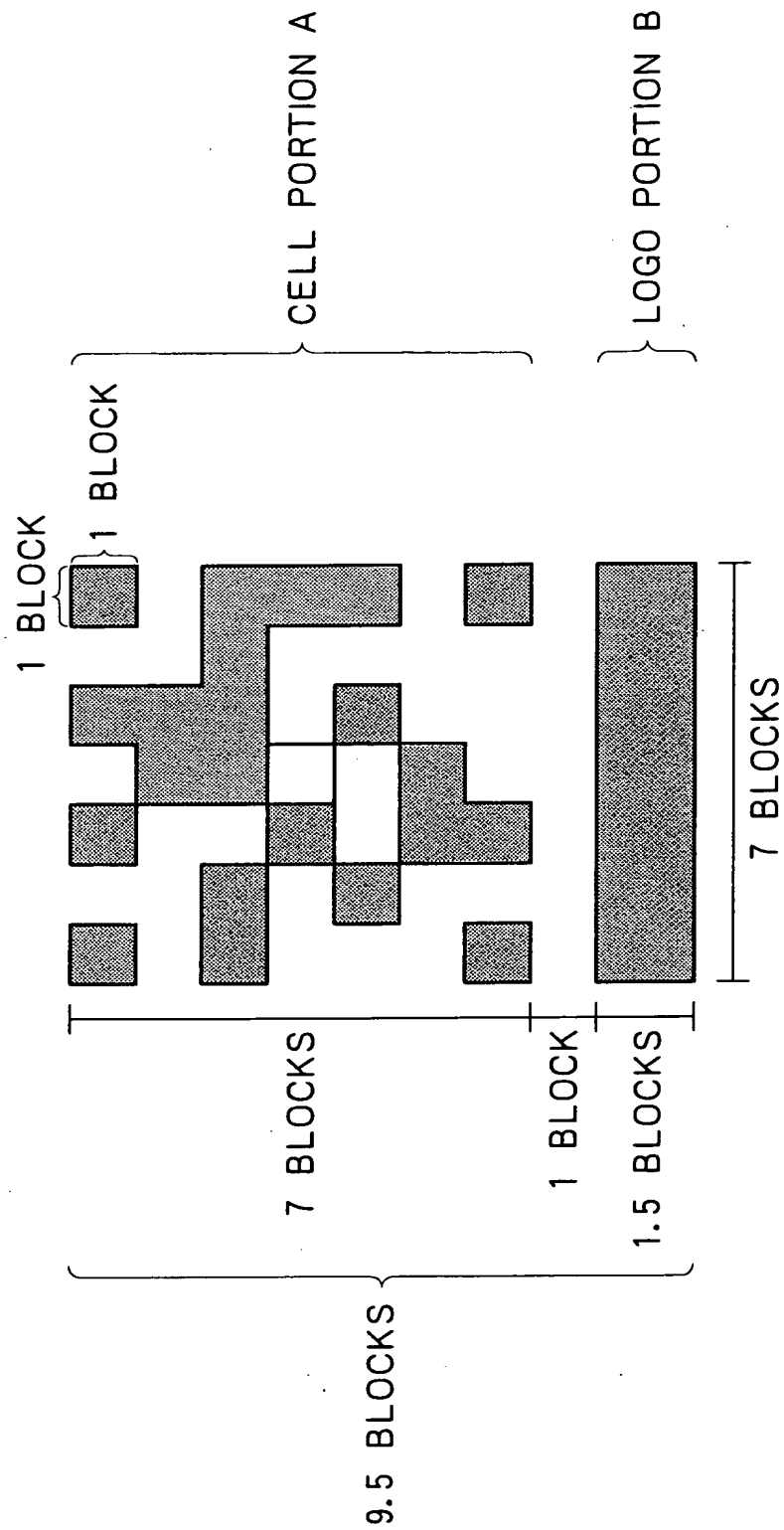
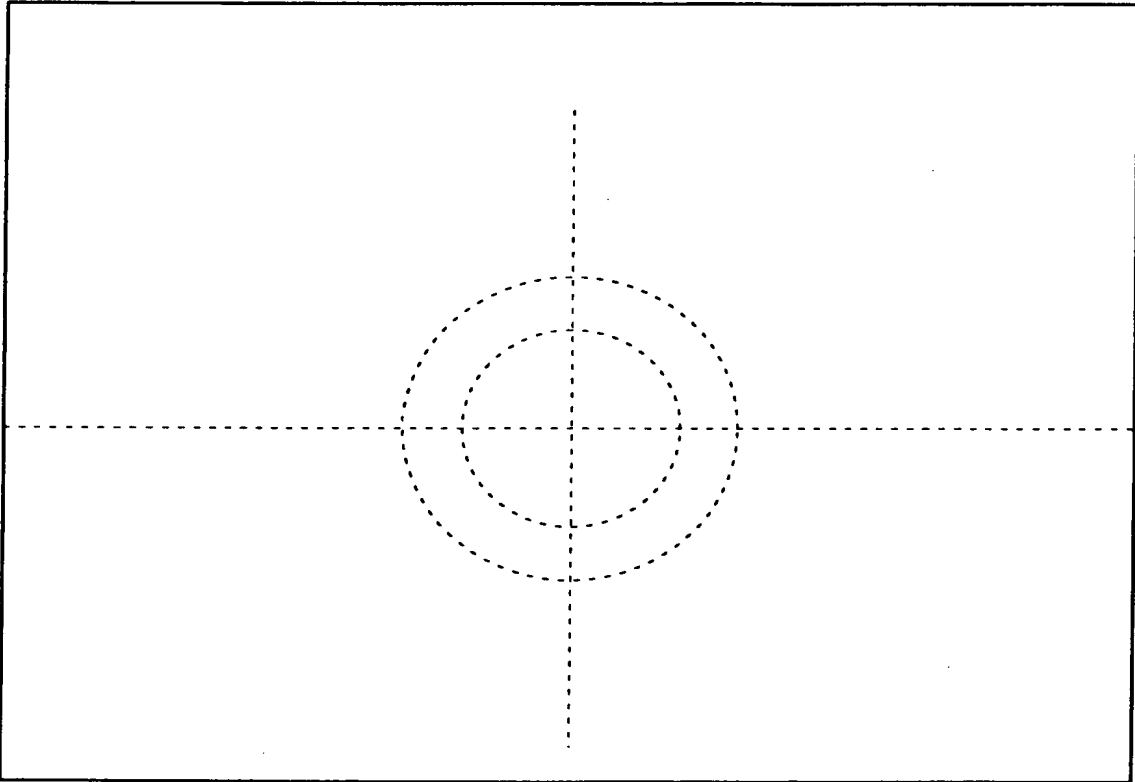


FIG. 35

SEARCH FOR STORED TWO-DIMENSIONAL CODE



INPUT: VIDEO2 INPUT

MESSAGE: GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL

CLOSE

HELP

FIG. 36

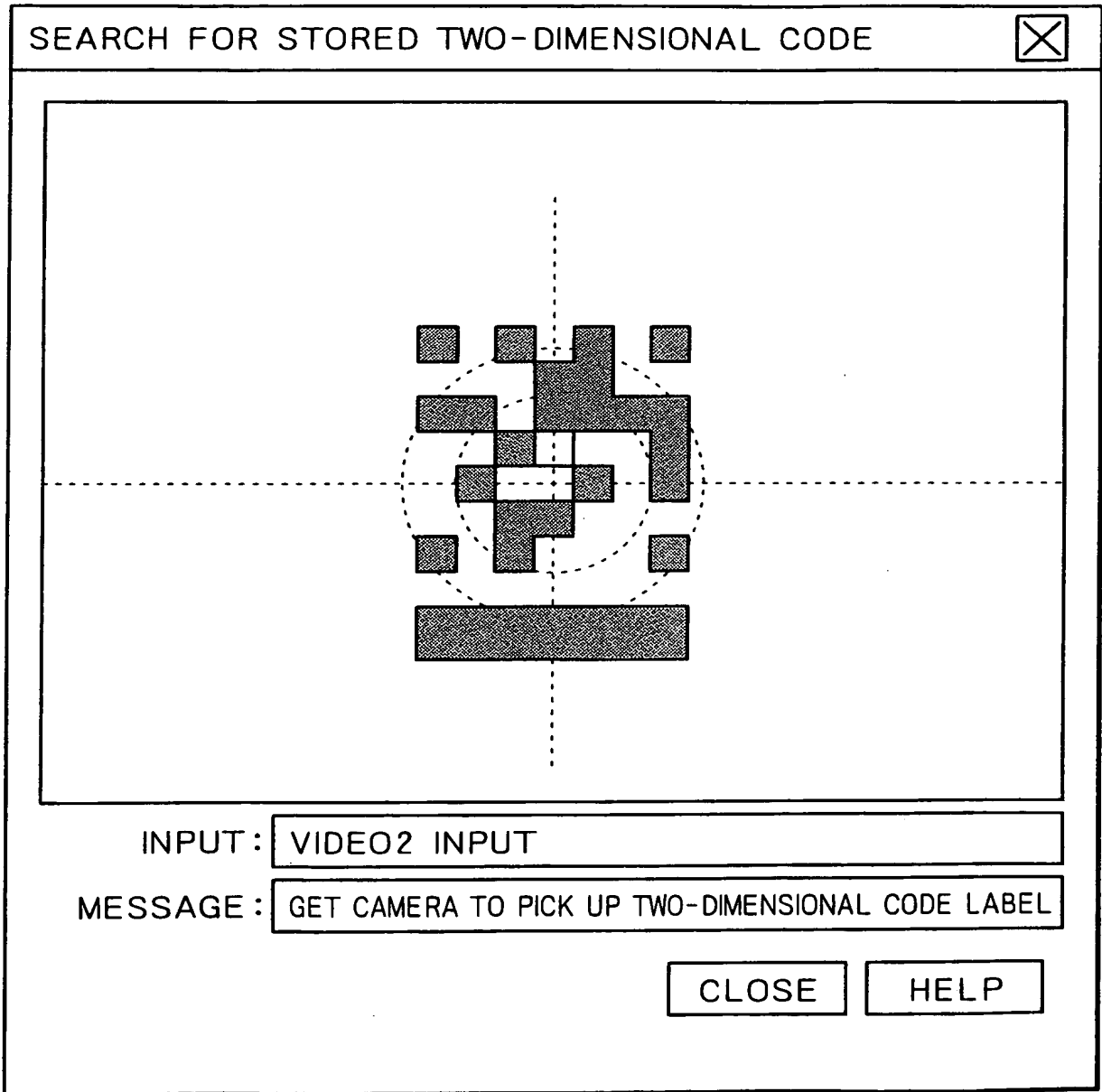


FIG. 37

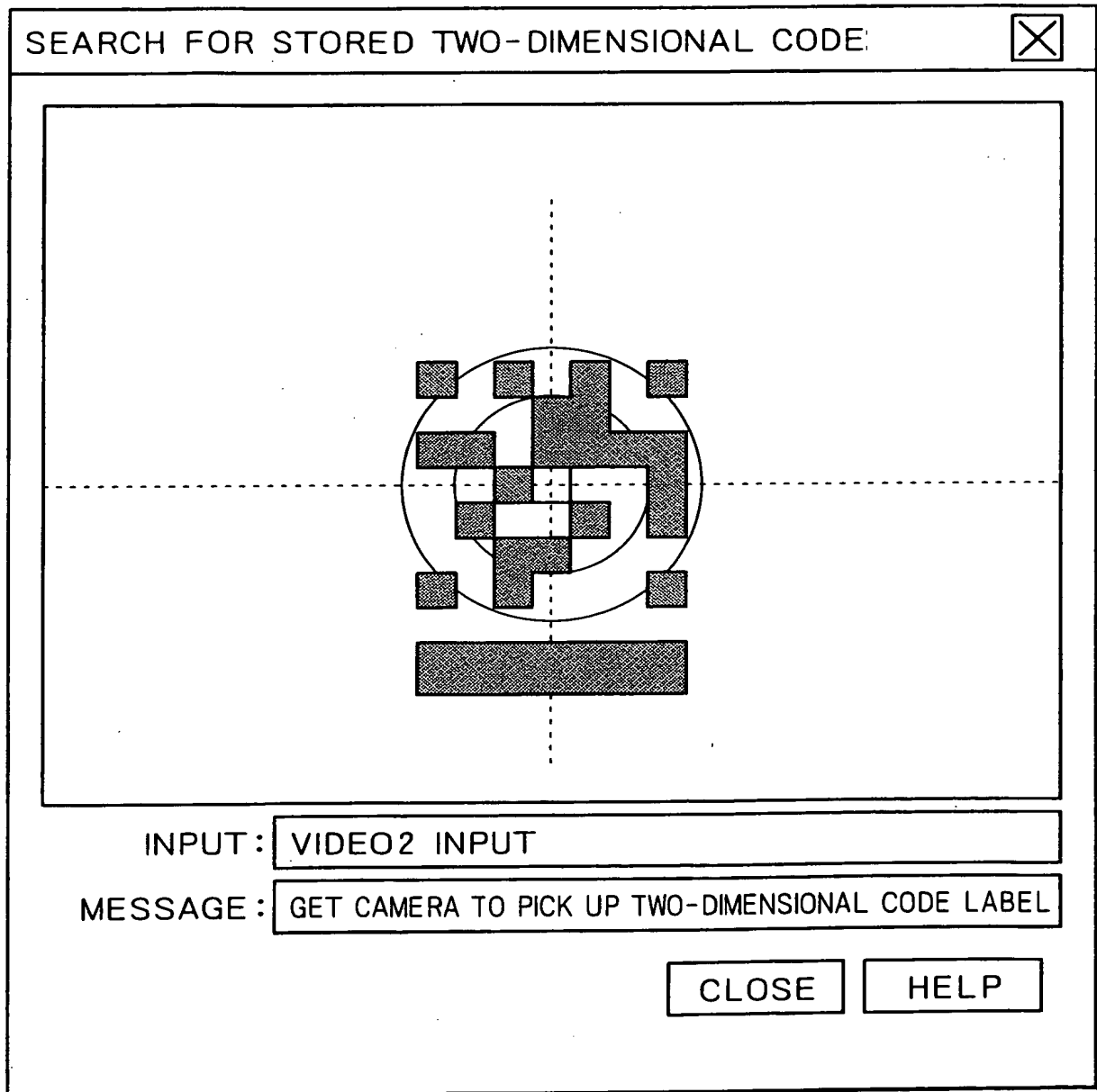














FIG. 38

X

SEARCH FOR STORED TWO-DIMENSIONAL CODE

301-2		301-4		301-6		301-8		301-10		301-12	
301-1	301-3	301-5	301-7	301-9	301-11						
302-2		302-4		302-6		302-8		302-10		302-12	
302-1	302-3	302-5	302-7	302-9	302-11						
											
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <div style="border: 1px dashed black; width: 100px; height: 100px; margin: 0 auto;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <div style="border: 1px dashed black; width: 100px; height: 100px; margin: 0 auto;"></div> </div> </div> </div>											

INPUT:
VIDEO2 INPUT

MESSAGE:
GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL

CLOSE
HELP

FIG. 39

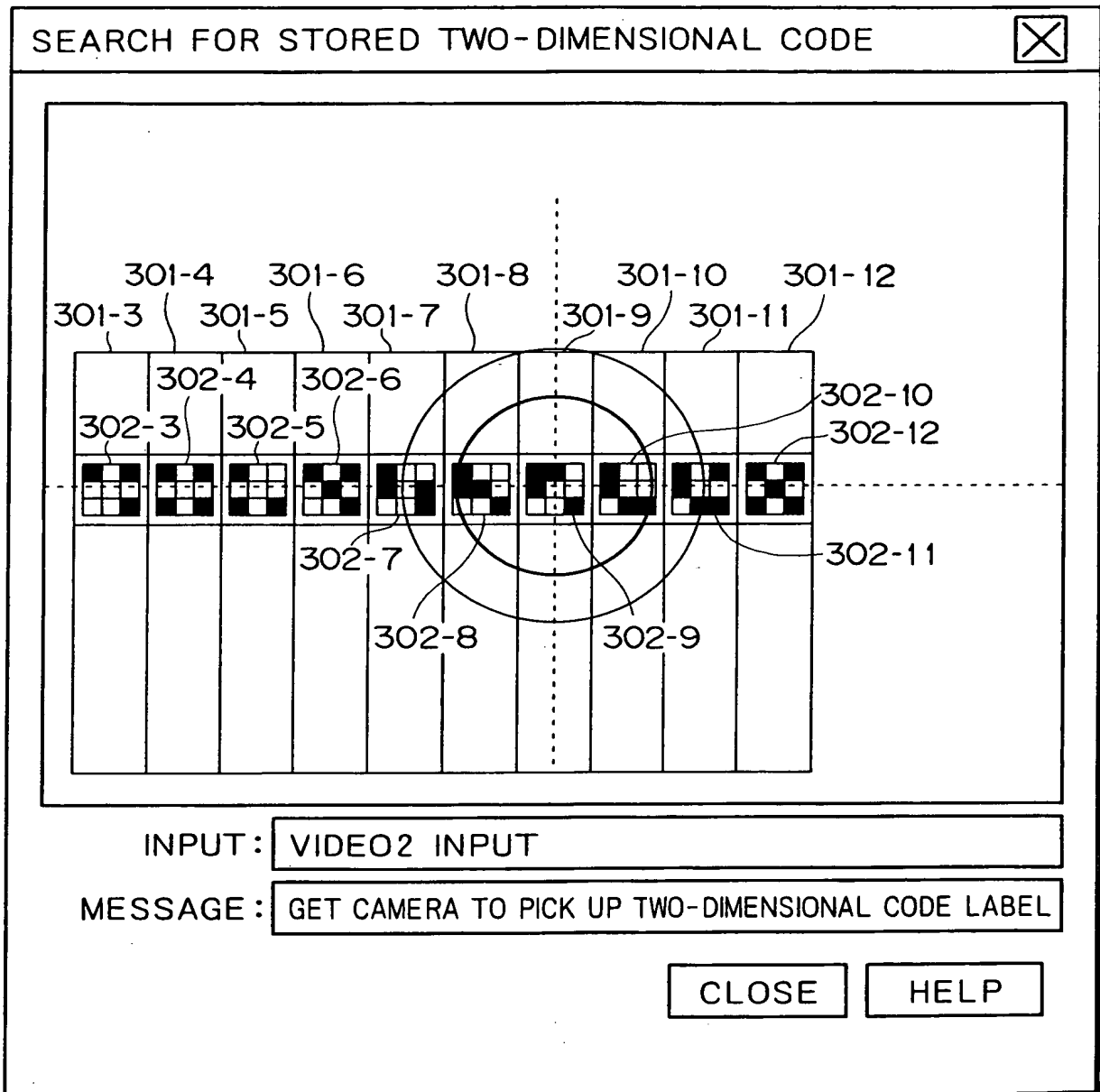

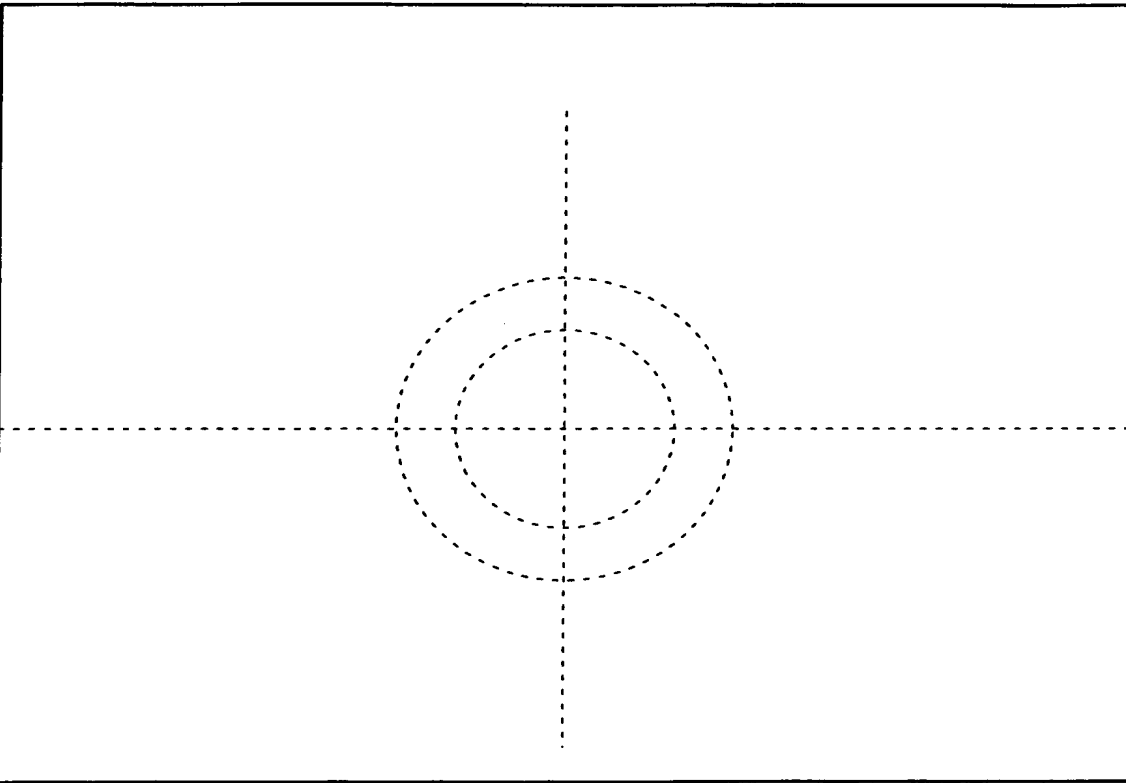


FIG. 40

SEARCH FOR AV CONTENT CORRESPONDING TO TWO-DIMENSIONAL CODE





INPUT: VIDEO2 INPUT

MESSAGE: GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL

CLOSE

HELP

FIG. 41

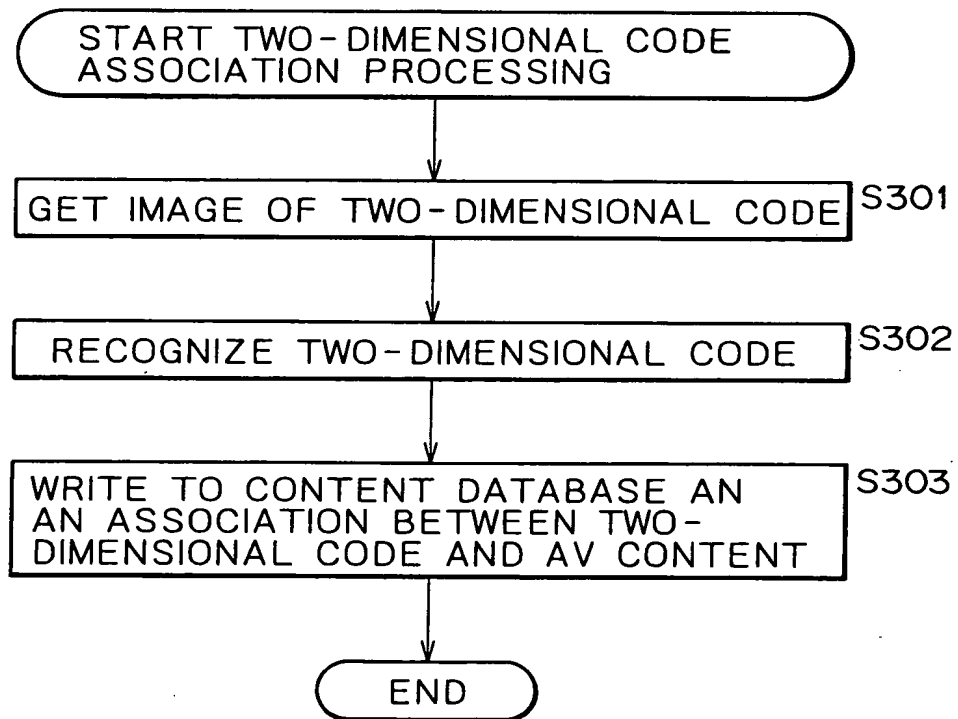


FIG. 42

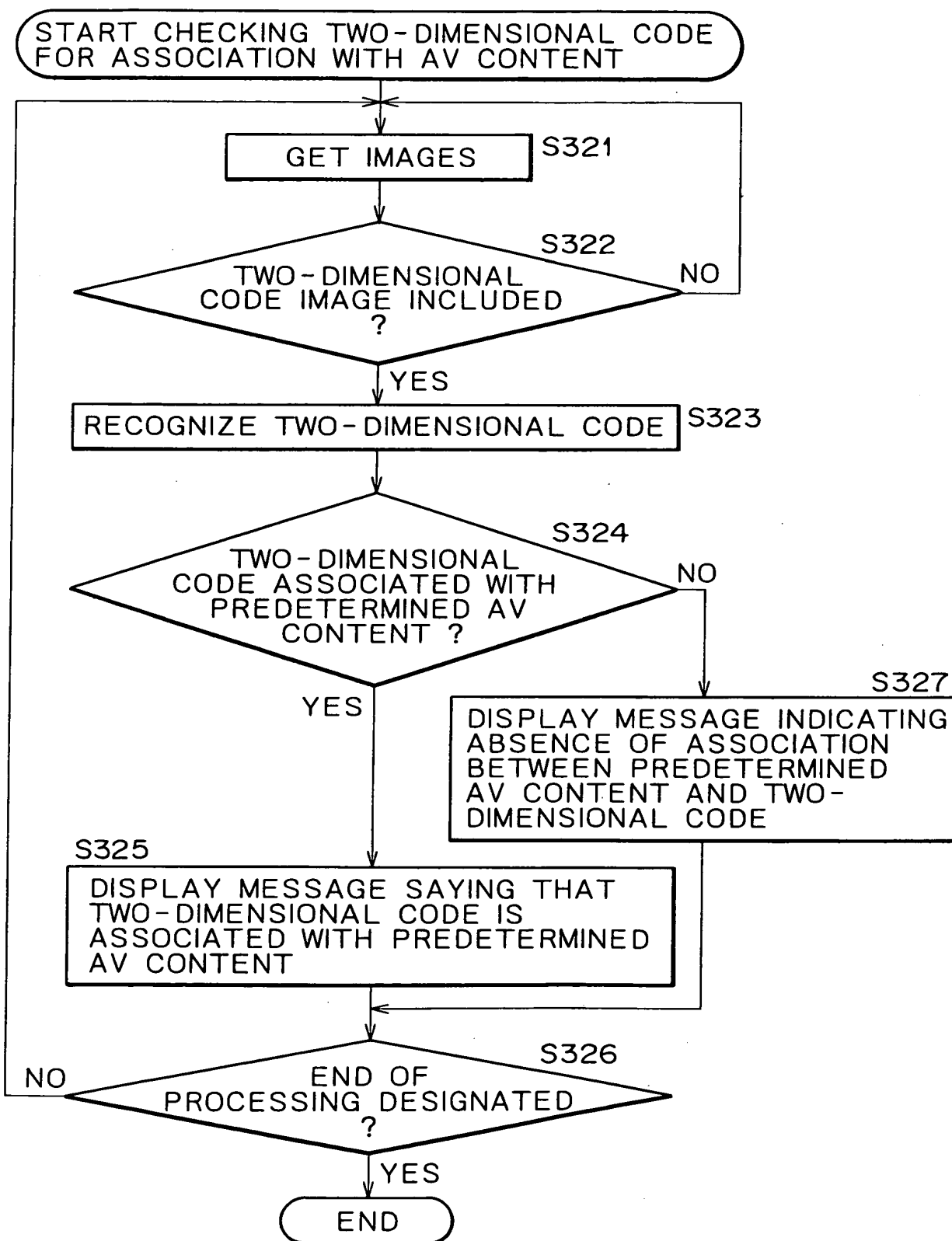


FIG. 43

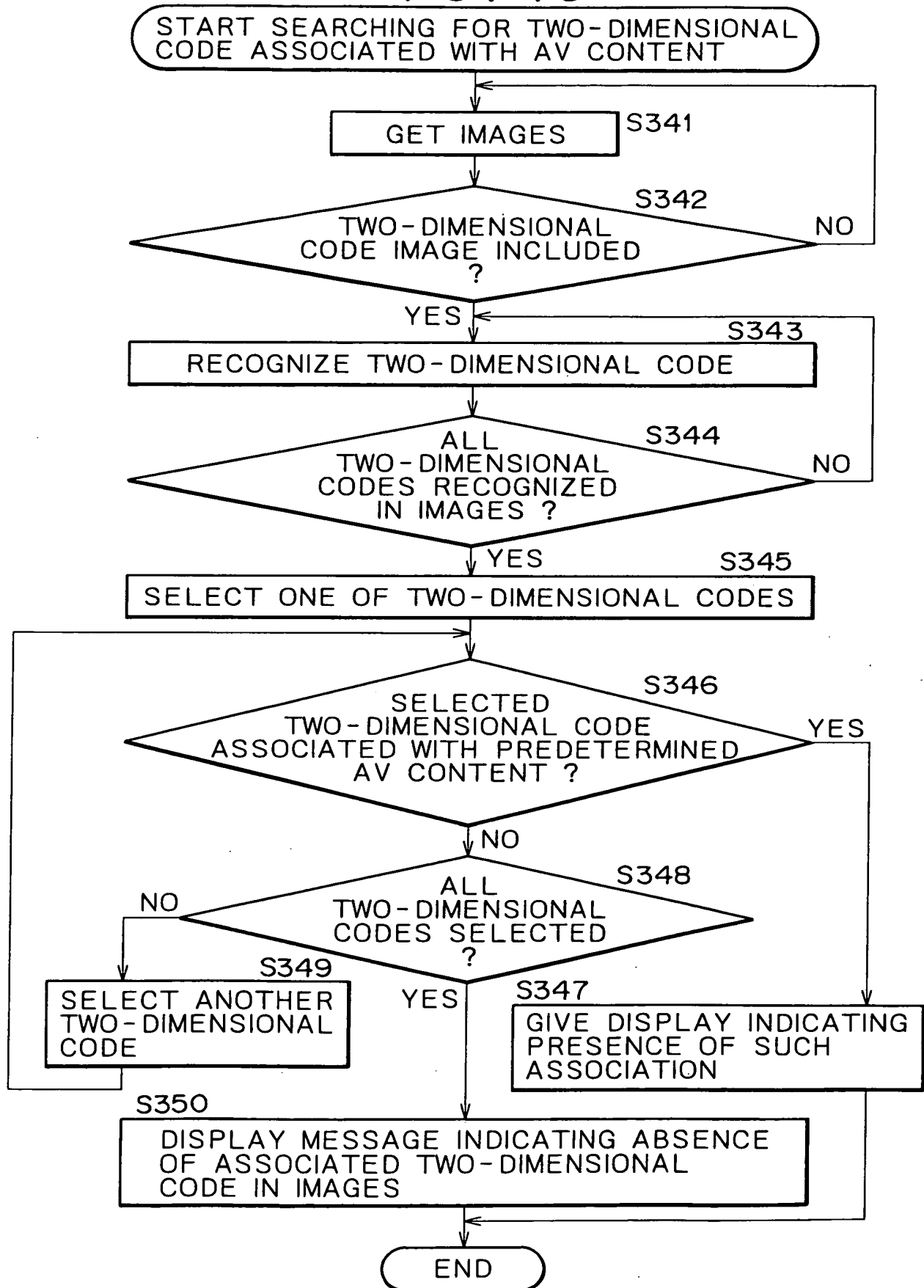


FIG. 44

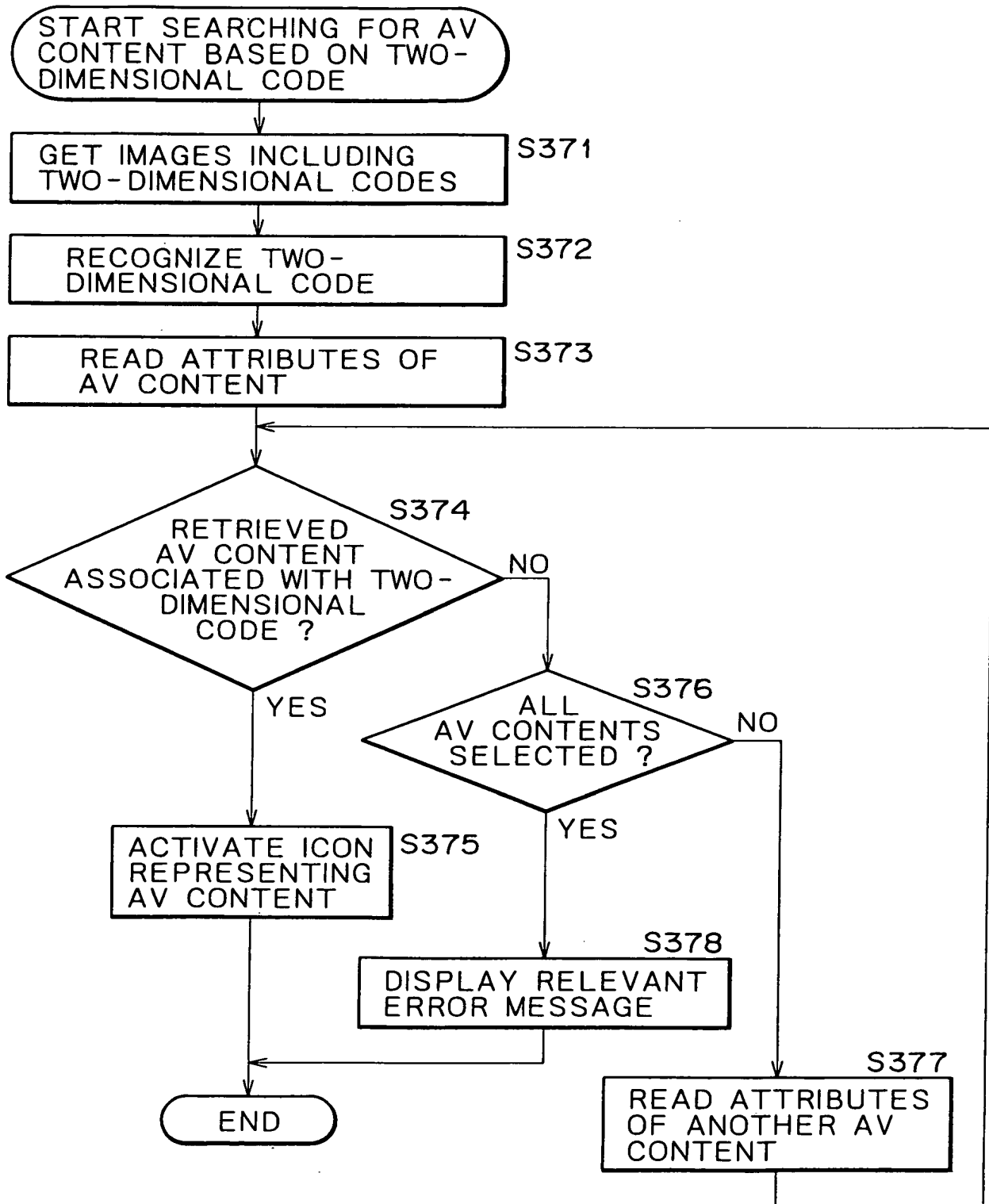


FIG. 45A

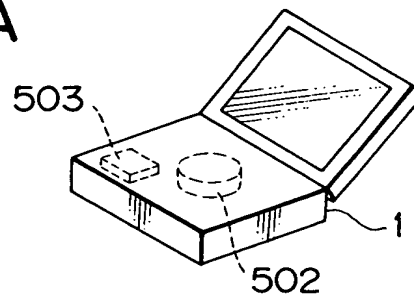


FIG. 45B

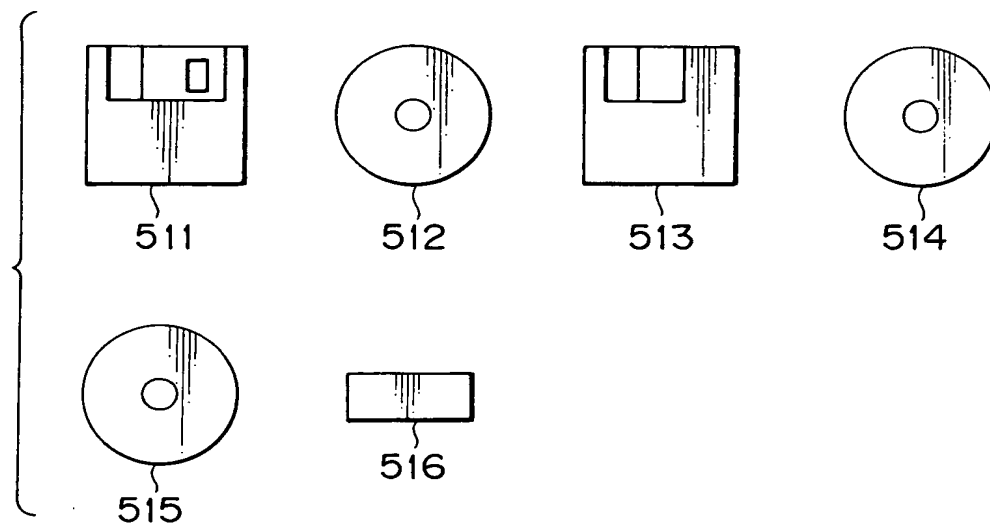


FIG. 45C

